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Economic Council of Canada

Annual Report

year ending March 31, 1977



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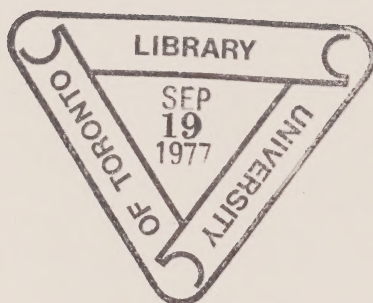
Government  
Publications

# Economic Council of Canada

## Annual Report

year ending March 31, 1977

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Ottawa, 1977  
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June 30, 1977

The Right Honourable  
PIERRE ELLIOTT TRUDEAU, P.C., M.P.,  
Prime Minister of Canada,  
Parliament Buildings,  
Ottawa, Canada.

Sir:

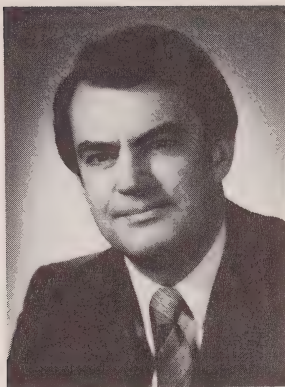
I have the honour to transmit the annual statement relating to the activities of the Economic Council of Canada for the fiscal year ending March 31, 1977, as required by the Economic Council of Canada Act.

Yours very truly,

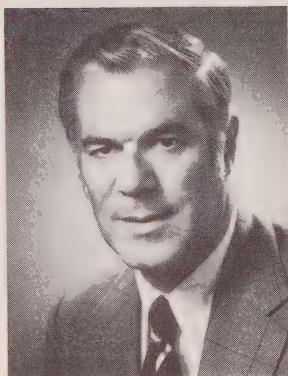
GEORGE POST  
Vice-Chairman



George Post  
Vice-Chairman and Director

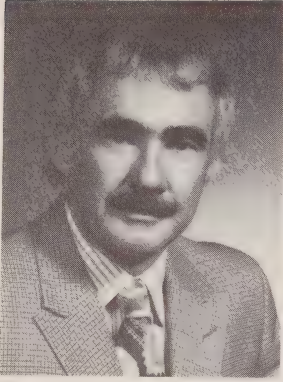


Ian Andrew Barclay  
Chairman and  
Chief Executive Officer  
British Columbia Forest Products  
Vancouver



Marcel Bélanger, C.A.  
Bélanger, Dallaire,  
Gagnon and Associates  
Quebec City

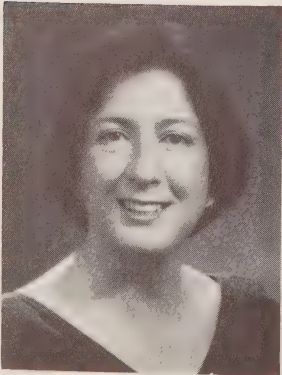




S. Robert Blair  
President and  
Chief Executive Officer  
The Alberta Gas Trunk Line Company  
Calgary



J. A. Brown  
Dean of Agriculture  
University of Saskatchewan  
Saskatoon

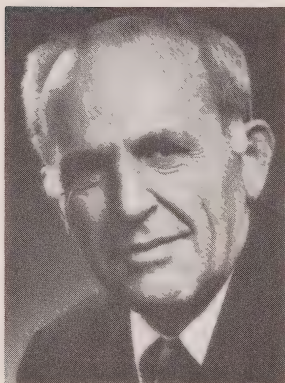


Ms. Pat Carney  
President  
Gemini North Ltd.  
Vancouver

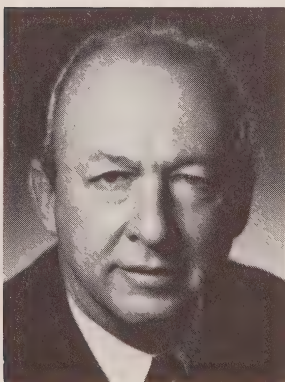
Charles J. Connaghan  
Vice-President  
Administrative Services  
University of British Columbia  
Vancouver

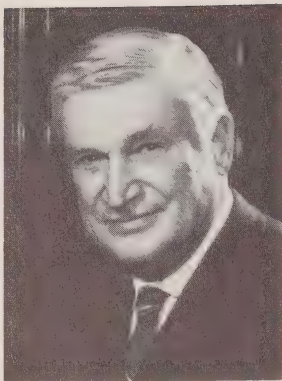


Gérard Dion  
Professor  
Department of  
Industrial Relations  
Université Laval  
Quebec



Roy Fraser Elliott, Q.C.  
Partner, Stikeman, Elliott,  
Roberts & Bowman  
Toronto





John Kostuik  
President, Denison Mines  
Toronto



Gilles Lamontagne  
Mayor of Quebec City  
Quebec City

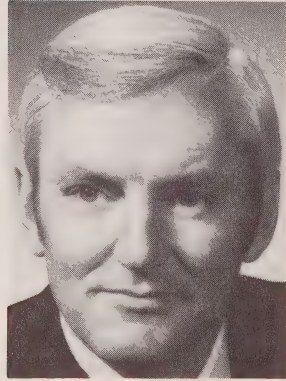


Yolande Laviolette  
La Fédération de Québec des  
Caisses Populaires Desjardins  
Lévis

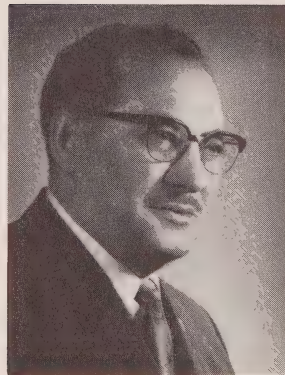
Robert M. MacIntosh  
Executive Vice-President  
The Bank of Nova Scotia  
Toronto

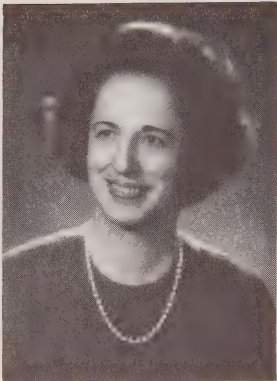


James A. McCambly  
Executive Secretary  
Building and Construction  
Trades Department  
Ottawa



Joseph Morris  
President  
Canadian Labour Congress  
Ottawa





Helen K. Mussallem  
Executive Director  
Canadian Nurses' Association  
Ottawa



Hon. H. A. Olson, P.C.  
Rancher, Former Minister  
of Agriculture  
Iddesleigh



Charles Perrault  
President  
Conseil du Patronat du Québec  
Montreal

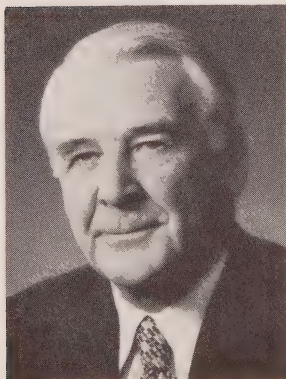
Raymond Primeau  
Past Vice-President  
and General Manager  
The Provincial Bank of Canada  
Montreal

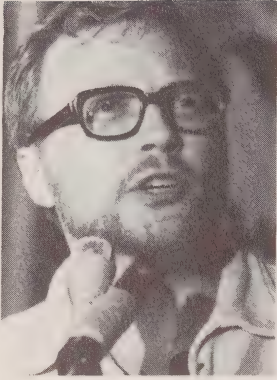


Steve Rankin  
Head of Sales  
Nova Scotia Forest Industries  
Port Hawkesbury

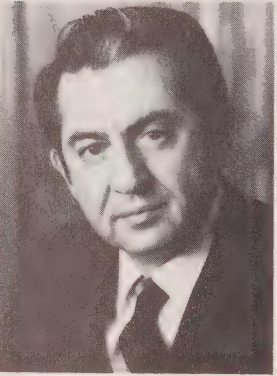


A. M. Runciman  
President  
United Grain Growers  
Winnipeg





Donald H. Taylor  
Assistant to the National  
Director for Canada  
United Steel Workers of America  
Toronto



Ray D. Wolfe  
Chairman and  
Chief Executive Officer  
The Oshawa Group  
Toronto

William E. Haviland  
Council Secretary

## Retirements, Resignations, Reappointments, New Members, and Nonparticipating Members

During the year ending March 31, 1977, the terms of the following members expired:

Gilbert Finn	(19 April 1976)
W.C.Y. McGregor	(30 April 1976)
Huguette Plamondon	(1 June 1976)
S. Robert Blair	(1 June 1976)
Robert G. Annable	(14 June 1976)
Louis-Philippe Poulin	(14 June 1976)
Raymond Primeau	(14 June 1976)
Charles Perrault	(18 February 1977)
John Kostuik	(18 February 1977)
Helen K. Mussallem	(25 February 1977)
Marcel Bélanger	(25 February 1977)
Donald H. Taylor	(8 March 1977)

The following members resigned:

Claude Edwards	(21 May 1976)
André Raynauld	(18 October 1976)
John Dawson	(31 October 1976)

The following members were reappointed for further three-year terms:

S. Robert Blair	Helen K. Mussallem
Raymond Primeau	Marcel Bélanger

The following new members were appointed:

Gérard Dion	Charles J. Connaghan
Yolande Laviolette	

The following labour members temporarily withdrew from active participation:

Claude Edwards	Joseph Morris
James A. McCambly	Huguette Plamondon
W.C.Y. McGregor	Donald H. Taylor



## HIGHLIGHTS

The various activities of the Economic Council of Canada during the year ending March 31, 1977, are described in some detail in subsequent sections of this Annual Report. In the present section, only highlights are mentioned.

Included in this Report is a central section outlining the program of work of the Council, and listing the staff involved in each research area and in administration and support services. The "Program of Work" section is commended to the attention of readers interested in following the mainstream of Council activities.

During the year under review, the Council added several more publications to its lengthening list. These are included in the complete list of Council publications which is attached to the end of this Report. Two reports of the Council were released: the Thirteenth Annual Review entitled "The Inflation Dilemma", and Efficiency and Regulation, A Study of Deposit Institutions.

The Thirteenth Annual Review examined the effects of inflation upon households, businesses, and governments, in addition to updating the Council's annual assessment of current performance of the economy and its medium-term implications.

Efficiency and Regulation studied developments among and within deposit-taking institutions and recommended certain changes in their operation and regulation for the sake of increased competition and efficiency.

The Economic Council of Canada is an economic research and policy advisory agency created by Act of Parliament in 1963. As may be seen from the Council Act and By-laws, included toward the end of this Report, the Council was to perform three types of function. First, it was to develop a body of research and analysis that would enable it to offer the country some sort of 'economic blueprint' for the future, whose salient features would then form the basis of a periodic review of actual events and recommendations as to how best to correct deviations from the plan.

Second, through active participation by business, labour, agriculture, and other interests in an advisory function, to try to influence public policy on important national issues. And third, this attempt to gain widespread agreement about Canadian objectives was to be furthered by means of the Council's involvement in a public-education role, expressed primarily through the dissemination of its message in reports addressed to the general public. During the past year, the Council began to communicate its activities more widely by means of a quarterly Bulletin, prepared by a new Information Services section.

Four Council meetings were held during the year ending March 31, 1977. The April 1976 meeting was held in Ottawa, the July 1976 meeting was held at Montebello, and the October 1976 and January 1977 meetings were held in Ottawa.

This Annual Report contains, at the beginning, photographs of most of its members during the past fiscal year. As usual, any changes in Council membership during the year are noted.

The special activities of full-time members of Council and Staff are listed in a separate section.

The Statement of Expenditure of the Economic Council for the year ending March 31, 1977, audited by the Auditor General of Canada, is shown near the end of this Annual Report. For comparison, the Statement of Expenditure of the previous year also is shown.

## THE PROGRAM OF WORK AND STAFF INVOLVED

The program of work at the Economic Council of Canada consists of research and support services including administration. The research program encompasses continuing commitments of the Council in certain areas, as well as undertakings scheduled to terminate with the publication of a Council report or a series of studies.

As shown in this section of the Annual Report, the research program is organized around a number of project areas. Although necessarily limited in number at any time, these project areas change and evolve to provide new information and analysis in support of the policy-oriented reports of the Council.

For each of the research project areas, there is a research group, co-ordinated by a project director. For each project group, there is a core of a few professionals. These core groups may be strengthened during the period of intensive effort by additional personnel, some of whom work on a contractual basis at the Council and others of whom are more in the nature of external consultants. Upon publication of a Council report, some members of the core group of professionals may continue for a period of time in order to support the dissemination of the Council report.

The professional staff consists mainly of people with advanced training in economics, and their composition of expertise reflects the varied nature of the Council's work. Some of the professional staff have had considerable experience in university work, and others, in government service and industry. The research personnel involved during the year ending March 31, 1977, are shown below by project group. Some full-time staff members contributed to more than one project group during the course of the year. The personnel listed as consultants were contractual, and were involved for varying amounts of time during the year.

In addition to the research staff, the Council maintains a strong centralized group, the members of which are involved in various support functions.

## Performance Research Group

The Performance Research Group was formed in the autumn of 1972 to carry out one of the principal duties assigned to the Economic Council under its terms of reference, namely "regularly to assess, on a systematic and comprehensive basis, the medium-term and long-term prospects of the economy, and to compare such prospects with the potentialities of growth of the economy". This Group plays a leading role in the Council's work since, by way of progressive evolution, assessment of the performance and development prospects of the Canadian economy has become a key feature of the Annual Reviews.

The Twelfth Annual Review, published in 1975, in addition to assessing current performance and its medium-term implications, returned to themes developed in the Ninth Review, and examined the economy's potential growth to 1985 and the impact of policies and other phenomena on future economic development and targets. The Thirteenth Annual Review continued the performance review and the establishment of medium-term targets, but also gave special attention to recent price and cost developments and the impact of inflation on the expenditure decisions of households, governments and firms, and in the area of industrial relations.

The Fourteenth Annual Review will likely be published in two parts in late 1977, with the Performance Group being responsible for that part dealing with the economy's performance and objectives. Emphasis will be given to the difficulties inherent in simultaneously achieving the nation's growth, inflation restraint, employment and productivity objectives, the countervailing pressures set in train by pursuing one target unequivocally, and the need for balanced policies.

During the past year, other special studies were undertaken by researchers affiliated with the Performance Research Group. The results of most of these studies have been or will be made available in the Discussion Paper series. The Performance Group also offers services to other researchers and groups at the Council.

Personnel

Director - R.A. Jenness (M.A. Queen's)

Full-time Professional Staff

J.-M. Cousineau (M.Sc. Montreal)  
J. Fortin (M.A. Montreal)  
R. Garcia\* (B.Sc. Montreal)  
D. MacMillan (Carleton)  
N. Mathieu (Ph.D. Pennsylvania)  
C. Montmarquette\* (Ph.D. Chicago)  
P. Robillard\* (M.A. Montreal)  
M. Simoneau (L.Sc.Com. H.E.C.)  
W. Smith\* (B.A. Alberta)  
L. Wesa\* (B.A. Lakehead)

Consultants

Professor S. Afriat  
University of Ottawa  
Professor M. Boyer  
University of Montreal  
J. R. Downs  
Downs Reccon Ltd.  
Professor G. Jenkins  
Harvard University  
Professor R. Lacroix  
University of Montreal

\*For part of the year.

Fourteenth Review

The Fourteenth Annual Review Group was formed in the Spring of 1976 as an entity separate from the Performance Research Group. This was done in order to extend the time available for research for the purpose of this report, the Performance Group being preoccupied with the Thirteenth Annual Review. The Fourteenth Review Group will be disbanded upon publication of the report toward the end of 1977. The annual performance review in 1977 will be published as a separate document.

The report is intended as an investigation of the role of government in a positive rather than a normative manner. Focusing on social security and industry regulation, it attempts an appraisal of the success of these policies and the equity and efficiency issues that arise as a result.

Work on a number of research projects is under way. Besides work by staff and outside consultants, substantial contributions are envisaged from the Social Indicators Group and from the CANDIDE Project.

As in the past, the report is aimed at a broad audience. Its purpose is to synthesize and interpret the result of policy research so as to promote a well-informed public debate about economic and social policies.

#### Personnel

Director - H.E.L. Waslander (Drs. Tilburg)

#### Full-time Professional Staff\*

L. Buchanan (B.A. Queen's)  
D. K. Fairbarns (B.Sc. McGill)  
C. Kapsalis (Ph.D. Rochester)  
B. D. Rosenfeld (Ph.D.  
Pennsylvania)  
W. Smith (B.A. Alberta)

#### Consultants

Dr. R. E. Babe  
Ottawa  
Professor H. S. Gordon  
Queen's University  
Professor D. G. Hartle  
University of Toronto  
Mr. W. E. James  
North Gower  
Professor A. Loyns  
University of Manitoba  
Professor V. S. Wilson  
Carleton University

\*All joined the Group during the course of the year.

#### CANDIDE Project

The CANDIDE Group is responsible for macroeconomic model development, and maintenance and updating of the large-scale econometric model CANDIDE. The CANDIDE Project was initiated in 1969-70 as an

interdepartmental venture under Economic Council auspices.

The modelling effort which initially brought into use Model 1.0 has continued to the present time, providing subsequent revisions including Models 1.1, 1.2 and 1.2M. The CANDIDE Group now has under way a new development effort. The objectives of this effort are to provide an updated version of CANDIDE making full use of the recently revised National Accounts and the 1971 Input-Output Tables. This development effort is a continuation of the Council's intentions to make available for purposes of simulation, policy analysis and projection a detailed structural model of the Canadian economy.

The current version of CANDIDE has been used to make detailed medium-term (7-10 years) projections of economic activity, and to examine alternative scenarios involving the impact of future policies. More recently, CANDIDE has been used to make long-run growth projections to the year 2000 providing information on the stability of the system and its long-run properties.

CANDIDE Model 1.2M has been widely used by the Council staff as input into the Annual Review and Performance areas. Previous versions have been widely used by federal agencies and the private sector. A description of Model 1.2M was published in April 1976.

A number of research papers have used CANDIDE as the prime research vehicle. These papers have dealt with the impact of indexation on economic growth and stability in the Canadian economy, the impact of anti-inflationary controls, the effects of alternative inflationary shocks on the budgetary positions of federal, provincial and local governments, and the impact of pollution control on the pulp and paper industry in Canada. These research papers formed background material for Annual Reviews.

## Personnel

Director - R. S. Preston\* (Ph.D. Pennsylvania)

### Full-time Professional Staff

C. Braithwaite (Ph.D. Queen's)  
B. Cain (Carleton)  
B. Eyford (B.Sc. British Columbia)  
B. Lodh (Ph.D. Rotterdam)  
T. Schweitzer (Ph.D. Budapest)  
    Acting Director to July  
M. Sheikh\* (Ph.D. Western Ontario)  
M. Willis (B. Com. Ottawa)  
S. Winer\* (Ph.D. Johns Hopkins)  
S. Rao\* (Ph.D. Queen's)

### Consultants

Professor N. K. Choudhry  
University of Toronto  
Informetrica Ltd.  
Ottawa  
WEFA  
Philadelphia

\*For part of the year.

## Social Indicators

The Social Indicators Group was formed in recognition of the need for socioeconomic indicators, in addition to the traditional economic indicators, as aids to decision-making. The purposes of the Group are to develop indicators for various areas of concern, to gain a better understanding of the processes at work within these areas and their economic significance, and to examine the objectives and the policy and program implications suggested by certain socioeconomic and environmental trends and situations. The work of the Group is intended to be relevant to the interests of a number of organizations in both the public and private sectors, including departments and agencies at all levels of government.

The principal thrusts of the activities of the Group over the course of the past year focused on important aspects of the areas of education (the factors influencing educational achievement), the natural environment (approaches to environmental management and the

economic impact of certain environmental protection measures), housing (an overview of the components of housing quality), income (income distribution in Canada, the impact of various social security programs, and the effects of ethnicity and language spoken on employment income disparities), urban systems (urban growth and land use), and the work environment (the quality of working life). Material drawn from the Group's work on income distribution in Canada was presented in the Thirteenth Annual Review. A Council research study on the importance of peer groups and other factors for educational achievement was published and one on the effects of ethnicity and language spoken on employment income disparities between males in the Montreal labour force in 1961 and 1971 is in the latter stages of preparation. Council Discussion Papers on educational achievement and peer group effects (done as part of a project undertaken in co-operation with the Ministry of Education of Ontario), on housing quality, on environmental management, on the economic ramifications of certain environmental protection measures, and on employment income disparities have appeared over the course of the year.

The ongoing and future activities of the Social Indicators Group include work in the areas of income, health, the work environment, and urban systems. The Group will also continue to provide inputs to the Interdepartmental Committee on Social Indicators and to other groups and organizations involved in allied work (for example, the Ontario Ministry of Labour in their study of the quality of working life, and the Ontario Economic Council in their efforts with respect to health care). The work in the area of income involves the use of the Surveys of Consumer Finance to examine the evolution since 1967 in the distribution of total and employment income and the factors influencing these distributions, and to examine the net impact of particular government social security programs on the income and the distribution of income of family units in Canada. With respect to the area of health, a study of health care expenditures and the distribution of health care consumption by income group, age group, sex, and other characteristics has been undertaken. The research being done on the work environment involves an

examination of the relationships between job satisfaction, motivation, and productivity within a framework which attempts to link these concerns with rewards, technology, and the nature of the organization; a study of the relationship between turnover, absenteeism, accidents, grievances, and other variables; and an investigation of the factors affecting the changes over time in the length of the work week. Finally, the Group's efforts in the area of urban systems are focused on urban development in Canada, with special attention to the process of urban growth, urban land use patterns, and time-distance factors in urban commuting.

## Personnel

Director - D. W. Henderson (Ph.D. M.I.T.)

### Full-time Professional Staff

J.-A. Boulet (M.A. Montreal)  
J. E. Cloutier\* (M.B.A. Queen's)  
S. K. Gera\* (M.A. McMaster)  
G. Grenier\* (M.A. Ottawa)  
N. Leckie (B. Com. Carleton)  
K. Newton (Ph.D. Simon Fraser)  
D. M. Paproski (M.A. Alberta)  
J.C.R. Rowley\* (Ph.D. London)  
J. R. Walker (B.A. Carleton)

### Consultants

Professor F. Mattart  
University of Moncton  
Professor R. J. Rahn  
Laval University  
Professor R. Paquin  
Laval University

\*For part of the year.

## Regional Studies and Report

The Regional Studies Group was formed in July 1974. Work completed to date includes a chapter on regional differences in income and productivity levels for the

Twelfth Annual Review in 1975, two staff studies, one of which was produced jointly with the Council of Maritime Premiers, and a considerable number of Discussion Papers. It is expected that a report of the Council, devoted to regional problems and based on research work of the Group, will be published in April 1977. It will contain a number of recommendations relevant to the reduction of regional disparities, and requiring action by federal and provincial governments, and also by private organizations. Meanwhile, work is continuing in a number of areas relevant to regional problems, including transportation, natural resources, federal government policies and expenditures, frictional unemployment, interregional migration, and industrial structure.

## Personnel

Director - N. M. Swan (Ph.D. Pennsylvania)

### Full-time Professional Staff

L. Auer (Ph.D. Iowa State)  
 I. Banks (M.A. Queen's)  
 G. Barker\* (B.A. McGill)  
 R. Beaudry (M.A. Montreal)  
 M. Boisvert (Ph.D. Pennsylvania)  
 L. Copithorne (Ph.D. Minnesota)  
 G. A. Glynn (M.A. Alberta)  
 M. Hinton\* (B.A. Hon. Queen's)  
 S. Kirby\* (M.A. Toronto)  
 M. Legault (M.Sc. Montreal)  
 J. Quiroga\* (M.A. Queen's)  
 P. Wrage\* (M.B.A. Toronto)

### Consultants

Professor F. Flatters  
 Queen's University  
 Professor W. I. Gillespie  
 Carleton University  
 Professor N. H. Lithwick  
 Carleton University  
 Professor F. Martin  
 University of Montreal  
 Professor J. McKinnon  
 Queen's University  
 Professor J. G. Rowse  
 Queen's University

\*For part of the year.

## International Development Study

The International Development Study Group was formed in early 1976. Its mandate is to study the long-term options of Canada in its relations with the developing countries, and to suggest methods for improving -- both bilaterally and multilaterally -- Canadian co-operation with these countries. Research is now under way in several fields.

First, the political and economic trends that will influence the future of international economic relationships are being examined, as well as the problems these trends will raise and the opportunities they present.

Second, studies are being done of the distribution of income and poverty in the developing countries, the income redistribution policies of these countries, the impact of conditions placed on aid and particularly of tied aid, the political and bureaucratic processes in the area of aid and the characteristics that explain the supply of aid.

Third, in the area of trade, investment and technology, the Council is continuing work on the characteristics of trade between Canada and the developing countries, trade in raw materials and their degree of transformation, imports of manufactured products, the industrial adjustments program, the characteristics of Canadian investment in developing countries, and other related subjects.

Fourth, the Council is continuing work in the field of population and migration: the economic costs and benefits of immigration to Canada from developing countries as well as the social impact of this immigration, and the aid program for population policies.

Last, the project is also aimed at determining whether the organizational structures and processes of the Canadian government adequately respond to the new realities of international development.

## Personnel

Director - A. Barsony (M.Sc. Montreal)

### Full-time Professional Staff

S. Arsove (M.Sc. L.S.E.)  
B. Badjeck\* (Ph.D. Montreal)  
A. Hasan\* (Ph.D. Queen's)  
C. J. Hindle\* (Ph.D. Toronto)  
J. Martin\* (B. Math. Waterloo)  
R. Matthews (M.A. Cambridge)  
A. Melançon\* (M.A. Montreal)  
H. Postner (Ph.D. Minnesota)  
D. Wakid (M.A. Pittsburgh)

\*For part of the year.

### Consultants

Professor A. Berry  
University of Toronto  
Professor J. Buttrick  
York University  
Professor A. Carter  
Brandeis University  
Professor V. Corbo  
Concordia University  
Professor D. J. DeVoretz  
Simon Fraser University  
J. R. Downs  
Downs Recon Ltd.  
Professor L. Dudley  
University of Montreal  
Professor O. Hawrylyshyn  
Queen's University  
Professor K.A.J. Hay  
Carleton University  
Professor G. K. Helleiner  
University of Toronto

Professor B. Higgins  
University of Ottawa  
Professor S. Langdon  
Carleton University  
Professor C. M. Lanphier  
York University  
Professor L. Lefebvre  
York University  
Professor C. Montmarquette  
University of Montreal  
Professor J. Peltier  
University of Quebec  
at Montreal  
Professor A. Ritter  
Carleton University  
Professor L. Sabourin  
University of Ottawa  
Professor A. Smith  
Carleton University

## Financial Markets Report and Continuing Study

Research on financial markets began in mid-1973. It was designed for several purposes: to provide an input into discussions on the revision of the Bank Act, to examine developments in Canadian financial markets since the publication of the Report of the Royal Commission on Banking and Finance in 1964, and to build up a staff capability in an area not previously covered in depth by the Council.

The first phase of the research, which focused on deposit institutions, culminated in the publication of the report *Efficiency and Regulation: A Study of Deposit Institutions* in September 1976. The report has provided an important input to discussions on revision of the Bank Act. Frequent references have been made to the report in the responses of various groups to the White Paper on Banking Legislation. The Vice-Chairman accepted invitations by the Canadian Bankers' Institute and the Toronto Association of Business Economists to speak on the report and an article on it was published in the *Canadian Business Review*, Winter 1977 issue.

The second phase of the financial markets program had originally been intended to focus on government participation in financial markets through such channels as the Canada and Quebec Pension Plans and various government lending programs. Preliminary research and discussion suggested, however, that there was a great deal to be said for concentrating resources on the study of pension plans and, more generally, on the maintenance of retirement income. The financial markets group was assigned responsibility for this somewhat broader study which will be the focal point for the Council's Fifteenth Annual Review.

A great deal of concern has been expressed in recent months about the potential burden of pension plans on the Canadian economy. But concern has also been expressed about the present inadequacy of provisions for retirement income. This study will attempt to examine these problems in the context of a comprehensive economic framework.

The study will begin with an analysis of the changing age composition of Canada's population and then move on to examine some of the implications of the increasing proportion of older people in that population. It will look not only at the economic status of the older groups themselves, but at the broader questions this change raises for the economy as a whole. These could include its effects on the labour force, on employment and income, the impact of pension plans on aggregate savings, on financial markets, and on the ownership of capital stock. Particular attention will be paid to the long-run sensitivity of these aggregates to factors that could be affected by government policy such as vesting, funding and investment provisions for pension funds or the introduction of flexible retirement policies.

#### Personnel

Director - P. M. Cornell (Ph.D. Harvard)

#### Full-time Professional Staff

J. Babin (M.A. Montreal)  
L. J. Hughes\* (B.A. McMaster)  
G. Lerner\* (Ph.D. McGill)  
J. C. Martin\* (B. Math. Waterloo)  
K. A. Patterson\* (M.A. York)  
P. Wrage\* (M.B.A. Toronto)

#### Consultants

Dr. E. W. Clendenning  
E. Wayne Clendenning  
Consulting  
Professor J. Chant  
Carleton University

\*For part of the year.

## Administration and Support Services

As an economic research and policy advisory agency created by Parliament, the Economic Council of Canada does not implement or administer government policies or programs. The Chairman is the chief executive officer of the Council. An Executive Committee, consisting of the Chairman, the two Directors, and four Council members, has overall responsibility for the financial affairs of the Council.

Funds required for salaries and other expenses are paid out of moneys appropriated by Parliament, and the Council's annual statements of expenditure are audited by the Auditor General of Canada.

Various functions and services exist in support of the Council and its research and advisory work. The head personnel involved in administration and support services during the year ending March 31, 1977 are shown below.

### Personnel

Council Secretary - W. E. Haviland (Ph.D. Harvard)  
Administration - N. Lafrance (Ottawa)  
Executive Assistant to Chairman - E. V. Nyberg (M.A. Carleton)  
Adviser to Chairman - B. A. Keys (M.B.A. Harvard)  
Information Services - Patrick Robert (D.Sc. Paris)  
Computer Systems - R. A. Stewart (Ph.D. Tokyo)  
Statistical Services - J. Serjak (B. Com. Ottawa)  
Publications - R. Gagnon (D.S.A. Montreal)  
Librarian - I. Lackner (B.L.S. McGill)

SPECIAL ACTIVITIES  
OF FULL-TIME MEMBERS OF COUNCIL AND STAFF

In its research, the Economic Council of Canada benefits from close working relationships with other federal agencies and departments. The Council also strives to consider the views and problems of groups and regions across Canada. Contacts are maintained by means such as discussions with provincial governments and with associations that reflect various economic interests in the private sector. Also, with a view to their own professional development, staff members are encouraged to submit articles for publication in scholarly journals and to participate actively in public conferences. The following list of special activities of full-time Council members and staff indicates the scope of these efforts during the year ending March 31, 1977.

Barsony, A., panelist, "Canada Strategy for International Development Cooperation: One Year After", conference hosted by the Institute for International Cooperation, Ottawa, November 1976.

Barsony, A., panelist, conference on trade and development hosted by the International Relations Club, Montreal, March 1977.

Boisvert, M. A., "Correspondance entre structure industrielle et armature urbaine : comparaison entre les régions de Toronto et de Montréal", paper given at the annual meeting of l'Association de Science régionale de langue française, Laval University, Quebec, September 1976.

Boisvert, M. A., "A Generalization of Central Place Theory to Space-Dominated Activities", paper given at the North-American annual meeting of the Regional Science Association, Toronto, November 1976.

Boisvert, M. A., project appraisor and member of a visiting committee of the Canada Council program of concerted grants, Ottawa, September 1976 and January 1977.

Boulet, J.-A., "Un aperçu du type d'interrelation possible entre la croissance économique et la composition linguistique du marché montréalais", presentation to the symposium of the Association des économistes québécois, Montreal, October 1976.

Boulet, J.-A. (with J.C.R. Rowley), "Measurement of Discrimination in the Labour Market: A Comment", Canadian Journal of Economics, February 1977.

Cain, B., member, Interdepartmental Advisory Committee on External Trade Statistics, Ottawa.

Copithorne, L., "La théorie des prix de transfert internes des grandes sociétés", L'Actualité économique, July-September 1976.

Copithorne, L., "Base Metal Extraction and Regional Economic Activity", workshop seminar, Department of Economics, Queen's University, Kingston, November 1976.

Copithorne, L., "The Art and Science of Policy Analysis and Decision-Making in the Public Sector", panel discussion and computer demonstration, research conference sponsored by Faculty of Management Sciences, University of Ottawa, December 1976.

Copithorne, L., "The Role of Natural Resources in Regional Economic Activity", seminar, Natural Resource Economics Class, Department of Economics, University of Manitoba, Winnipeg, February 1977.

Copithorne, L., "The Economic Council's Natural Resource Research Program", workshop seminar, Program of Natural Resource Economics, Department of Economics, University of British Columbia, Vancouver, February 1977.

Copithorne, L. (with J. Quiroga), "The Role of Forestry in Regional Economic Activity: An Application of Linear Programming", economics seminar, Queen's University, Kingston, March 1977.

Cornell, P. M., "Living with Change", speech to the Annual Meeting of the Automotive Parts Manufacturers' Association (Canada), Windsor, April 1976.

Cornell, P. M., "Productivity Performance and Trade Liberalization", speech to the Annual Meeting of the Machinery and Equipment Manufacturers' Association (Canada), Montebello, June 1976.

Cornell, P. M., seminar on trade liberalization with graduate journalism students, Carleton University, Ottawa, October 1976.

Cornell, P. M., "Why Protection?", speech to the Scarborough Economic Conference on Canada's Trade Outlook, Scarborough, October 1976.

Cousineau, J.-M. (with C. Green), "Causes of High Unemployment in Canada", paper presented at a meeting of the Canadian Economic Association, Quebec, June 1976.

Cousineau, J.-M. (with R. Lacroix), "L'activité économique, l'inflation et l'activité de grève", paper presented at a meeting of the Canadian Economic Association, Quebec, June 1976.

Cousineau, J.-M., "Les mesures de sécurité sociale et la motivation au travail", panelist at a joint conference of the province of Quebec Chamber of Commerce and the Economic Council of Canada on "Les ressources humaines : limite à la croissance de l'entreprise", Montreal, June 1976.

Cousineau, J.-M., "Chômage et assurance-chômage", L'Économiste, September 1976.

Cousineau, J.-M., "La lutte à l'inflation et le programme de contrôles", speaker, university program of cultural exchanges of the Canada Council, University of Toronto, October 1976.

Cousineau, J.-M., "L'évolution prévisible du marché du travail", speaker at a joint seminar of the Conseil du Patronat du Québec and the Department of Manpower and Immigration on "Manpower Planning, Problems and Future Directions for Companies", Montreal, December 1976.

Cousineau, J.-M., "Les défis des années '80 en matière de ressources humaines", speaker, Richelieu-Laporte Club, Ottawa, March 1977.

Fortin, J., participant in the CBC program "Présent national", on the Thirteenth Annual Review, December 1976.

Gander, J. E., member of the International Garrison Diversion Study Board for the International Joint Commission (report published).

Gander, J. E., member of Task Force on Canada's Resources and the National Interest, sponsored by the Canada West Foundation (report published).

Gander, J. E., member of Steering Committee for Conference on World Food, sponsored by the Royal Society of Canada and the Agricultural Institute of Canada, Ottawa.

Gander, J. E., founding president of the Ottawa Association for Applied Economics.

Glynn, T. (with N. M. Swan), "The Feasibility of Regionalized Stabilization Policy", paper at Annual Meeting of the Canadian Economics Association, Quebec City, June 1976.

Haviland, W. E., member, Construction Industry Development Council (and task forces), an advisory body to the Minister of Industry, Trade and Commerce of Canada, Ottawa.

Haviland, W. E., Canadian member and correspondent, Donaueuropaisches Institut (Organization for International Economic Relations), Vienna.

Haviland, W. E., meetings with representatives of Romania, United Kingdom, United States, Japan, U.S.S.R., Austria and Yugoslavia, Ottawa, Vienna and Belgrade.

Haviland, W. E., participant, Public Service Commission Executive Seminar on "Canada and Multinationals", Ottawa, October 1976.

Haviland, W. E., "Medium- and Longer-term Prospects and Issues", luncheon speaker, Canadian Pulp and Paper Association Purchasing Section, Ottawa, November 1976.

Haviland, W. E., participant, Canadian Council on Rural Development seminar on "Appropriate Technology for the Mid-North", Ottawa, December 1976.

Haviland, W. E., participant, Economic Commission for Europe seminar on "Investment and Growth", Budapest, December 1976.

Haviland, W. E., "Whither Health Care Spending?", speaker, annual meeting, Canadian Nurses' Association, Ottawa, March 1977.

Henderson, D. W., member, Interdepartmental Committee on Social Indicators, Ottawa.

Henderson, D. W., member, Organization for Economic Co-operation and Development Subcommittee of the Interdepartmental Committee on the Environment, Ottawa.

Henderson, D. W., member, Interdepartmental Committee on Science Expenditures, Ottawa.

Henderson, D. W., participant, Third Review Seminar on Health, Ontario Economic Council, Toronto, September 1976.

- Jenness, R. A., "Comparative Manpower Strategies", seminar on Manpower Policies, Université Laval, Québec, April 1976.
- Jenness, R. A., "Emergent Patterns of Labour Market Behaviour -- Lifetime Perspective of Workers", Fourth World Congress of the Industrial Relations Association, I.L.O., Geneva, September 1976.
- Jenness, R. A., "Productivity and Canada's Economic Competitiveness", University of Toronto, Financial Post Seminar, Toronto, January 1977, reprinted in the Labour Gazette, February 1977.
- Jenness, R. A., "Canada's Economic Competitiveness", joint seminar organized by the Faculty of Business Administration and the Department of Economics, Wilfrid Laurier University, Waterloo, February 1977.
- Jenness, R. A., "Employment Effects of Alternative Patterns of Public Expenditures and Revenues", Experts Meeting on Structural Determinants of Employment and Unemployment, O.E.C.D., Paris, March 1977.
- Keys, B. A., member of panel, "Working Attitudes", joint conference of the Province of Quebec Chamber of Commerce and the Economic Council of Canada on "Human Resources -- A Limit to Growth?", Montreal, June 1976.
- Lackner, I., leader, Business and Economics Workshop, Colleges of Applied Arts and Technology of Ontario, Committee of Librarians annual conference, Geneva Park, Ontario, May 1976.
- Lackner, I., "Microbibliography on business and economics: Reference sources", Com-O-Lib, newsletter of Community College Libraries in Ontario, July 1976.
- Lackner, I., registrar, Intellectual Property Workshop, sponsored by the Montreal chapter of the Special

Libraries Association and the Ottawa chapter of the Canadian Association of Special Libraries and Information Science, Hull, November 1976.

Lackner, I., technical advisor of a Library Board for DREE, Ottawa, November 1976 and March 1977.

Lackner, I. (with G. Proderick), co-editor of "Directory of economic libraries and information centres in Canada", undertaken for Social Science Libraries section of International Federation of Library Associations.

Lacroix, R. (with Lise Salvas-Bronsard), "La régionalisation des politiques économiques fédérales et l'économie québécoise", chapitre XI, L'Économie québécoise, edited by R. Tremblay, Les Presses de l'Université du Québec, Montreal, 1976.

Lacroix, R. (with P. Scheuer), "L'effort de R-D, l'innovation et le commerce international, Revue Économique, November 1976.

Lacroix, R. (with J.-M. Cousineau), "Activité économique, inflation et activité de grève", Industrial Relations, July 1976.

Lacroix, R. (with D. Chicoine), "La richesse des particuliers et l'inflation", Canadian Journal of Economics, February 1977.

Lodh, B. K., "Effects of Alternative Sources of Inflationary Shocks on the Budgetary Position of Governments", seminar, Carleton University Economics Department, Ottawa, March 1977.

Mathieu, N., "An Application of Control Theory to Macroeconomic Policies in the Canadian Economy", talk to the faculty, University of Pennsylvania, Philadelphia, April 1976.

Mathieu, N., "The Automotive Agreement Between Canada and the United States and the Competitiveness of the Canadian Economy", speech to a seminar at the Bank of Canada, Ottawa, January 1977.

Newton, K., member, Interdepartmental Study Group on the Quality of Working Life, Ottawa.

Newton, K. "Institutional Versus On-the-Job Training: Some Canadian Evidence", International Journal of Social Economics, October 1976.

Paproski, D. M., Council delegate, Federal-Provincial Conference on the 1981 Census, Ottawa, May 1976.

Paproski, D. M., Council delegate, Federal-Provincial Planning Conference on Social Statistics, Ottawa, November 1976.

Paproski, D. M., member, Interdepartmental Committee on Environmental Statistics, Ottawa.

Paproski, D. M., member, Interdepartmental Committee on Technological Forecasting, Ottawa.

Post, G., participant, meeting on "Transnational Enterprises and International Development - The Canadian Context", sponsored by the United Nations in Canada, Ottawa, April 1976.

Post, G., "Canadian Trade: Trends and Prospects", Marketing Conference, The Conference Board in Canada, Toronto, April 1976.

Post, G., "Partnership - Preliminary Reflections on Relations Between Canada and the Developing Countries", The Canadian Institute of International Affairs, Quebec, May 1976.

Post, G., "Free Trade - A Perspective", Committee for an Independent Canada, Toronto, June 1976.

Post, G., participant, Joint Econetro-Moneco Forum, Queen's University, Kingston, September 1976.

Post, G., "Free Trade: Reality or Myth", Electrical and Electronic Manufacturers Association of Canada, Ottawa, September 1976.

Post, G., panel participant, Meeting of the Financial Management Association, Montreal, October 1976.

Post, G., "How Far Should the Bank Act Go?", Toronto Association of Business Economists, Toronto, October 1976.

Post, G., "About Bank Act Revision", Institut des banquiers canadiens, Montreal, November 1976.

Post, G., "Here Come the '80s", Alberta Hospital Association, Calgary, December 1976.

Post, G., meeting with the Association of Bank Financial Analysts, Toronto, January 1977.

Post, G., "Stimulating the Economy", Toronto Association of Financial Analysts, Toronto, February 1977.

Post, G., "Lessons for the Future", Economics Society of Alberta and the Canadian Association for Business Economics, Calgary, March 1977.

Preston, R. S., "Control Theory Simulations Using the Wharton Annual and Industry Forecasting Model", paper presented at the Eastern Economic Association, Bloomsburg, April 1976.

Preston, R. S., "The Wharton Long-Term Annual and Industry Forecasting Model: Structural Characteristics and Policy Applications", paper presented at Conference on Mathematical Models sponsored by the National Bureau of Economic Research, the National Science Foundation and the Soviet Academy of Sciences, Moscow, June 1976.

Preston, R. S., "The Wharton Long-Term Model: Input-Output Within the Context of a Macro Forecasting Model", Chapter 12 of Econometric Performance-Comparative Simulation Studies of the U.S. Economy, edited by Lawrence R. Klein and Edwin Burmeister, December 1976.

Preston, R. S., Secretary of the Corporation, and member of Board of Directors, Wharton EFA Inc., Philadelphia.

Preston, R. S., member, Editorial Board, Whartons, a management journal of Wharton School, University of Pennsylvania, Philadelphia.

Rao, S., "The Demand and Supply for Rail Freight Transportation: A Commodity Study for Canada", Proceedings of the Transportation Research Forum, April 1976.

Rao, S. (with G. R. Sparks and J. T. Bernard), "Forecasting the Demand for Transportation Services Using an Econometric Model of the Canadian Economy, a progress report", Annual Report of the Canadian Institute of Guided Ground Transport, April 1976.

Rao, S., "Monetarists vs. Neo-Keynesians: A Review Article", Asian Economic Review, March 1977.

Schweitzer, T. T., visiting scholar, Growth Project Group, Department of Applied Economics, University of Cambridge, September-November 1976.

Schweitzer, T. T., "Simulating the Canadian Anti-Inflation Program with CANDIDE 1.2M", Growth Project Paper 442, Department of Applied Economics, University of Cambridge, September 1976.

Schweitzer, T. T., "The Economic Council of Canada and the CANDIDE Model", seminar, Growth Project Group, Department of Applied Economics, University of Cambridge, October 1976.

Schweitzer, T. T., "The Canadian Anti-Inflation Program and CANDIDE", seminar, Growth Project Group, Department of Applied Economics, University of Cambridge, November 1976.

Schweitzer, T. T., member, Interdepartmental Committee on Technological Forecasting, Ottawa.

- Schweitzer, T. T., "Canada's Medium-Term Future and Possibilities of Economic Co-operation", address and panelist at German-Canadian Seminar, Hamburg, February 1977.
- Swan, N. M., "Regional Stabilization Policy", speaker at one of a series of informal seminars, Ministry of State for Urban Affairs, Ottawa, April 1976.
- Swan, N. M. (with T. Glynn), "The Feasibility of Regionalized Stabilization Policy", paper at Annual Meeting of the Canadian Economics Association, Quebec City, June 1976.
- Swan, N. M. (with F. Martin), "Les aspects régionaux de la diffusion de l'innovation au Canada", paper at meeting of l'Association de science régionale, Quebec City, September 1976.
- Swan, N. M., "Evaluating Regional Development Policy", address to Atlantic Provinces Economic Council conference, "Assessment '76", Halifax, October 1976.
- Swan, N. M., "Theoretical Aspects of Regional Stabilization", seminar, Department of Economics, Queen's University, Kingston, November 1976.
- Swan, N. M., "Theoretical Aspects of Regional Stabilization", seminar, University of Montreal, November 1976.
- Waslander, H.E.L., "Some Notes on the Dynamic Properties of a Large Model", meetings of Eastern Economics Association, Bloomsburg, April 1976.
- Waslander, H.E.L., "CANDIDE Model 1.2M, Summary and Some Simulations", presented at meetings of Canadian Economic Association, Canadian Macro-Models Comparison Project, Quebec City, June 1976.
- Waslander, H.E.L., "The CANDIDE Model", talk, University of Ottawa, November 1976.

Waslander, H.E.L., member, advisory panels for several chapters of Historical Statistics of Canada, Ottawa.

Wrage, P., participant, Conference on the Analysis and Modeling of Migration Flows, Ministry of State for Urban Affairs, Ottawa, May 1976.

Wrage, P., "Economic Controls, Social Justice and the State: The Canadian Dilemma", presented at the 4th Annual Conference of the Atlantic Economic Society, Washington, October 1976.

Wrage, P. (with H. Bartel), "Inflation, Incomes Policies, and the Role of the Federal Government in Canada", Wilfrid Laurier University, Research Report 7617, November 1976.

Wrage, P., discussant, Conference on "Applied Research on the Benefits and Costs of Public Regulations: Case Studies of Selected Commodities and Services", National Science Foundation Conference, Washington, March 1977.

## 12 ELIZABETH II.

### CHAP. 11

An Act to provide for the establishment  
of an Economic Council of Canada.

[Assented to 2nd August, 1963.]

Her Majesty, by and with the advice and consent of the Senate  
and House of Commons of Canada, enacts as follows:—

#### SHORT TITLE.

- Short title.      1. This Act may be cited as the *Economic Council of Canada Act*.

#### INTERPRETATION.

- Definitions.      2. In this Act,  
"Council."      (a) "Council" means the Economic Council of Canada  
established by section 3; and  
"Minister."      (b) "Minister" means such member of the Queen's Privy  
Council for Canada as may be designated by the  
Governor in Council to act as the Minister for the  
purposes of this Act.

#### COUNCIL ESTABLISHED.

- Establish-  
ment and  
constitution.      3. There is hereby established a corporation to be known as  
the Economic Council of Canada, consisting of a chairman, two  
directors and not more than twenty-five other members, to be  
appointed by the Governor in Council as provided in section 4.

- Appoint-  
ment of  
chairman  
and directors.      4. (1) The chairman of the Council and each of the directors  
shall be appointed to hold office for a term not exceeding seven  
years.

- Appoint-  
ment  
of other  
members.      (2) Each of the other members of the Council shall be  
appointed after consultation with appropriate representative organ-  
izations to hold office for a term of three years, except that of  
those first appointed not less than one-third shall be appointed  
for a term of two years and not less than one-third shall be  
appointed for a term of four years.

- Eligibility  
for  
reappoint-  
ment.      (3) A retiring chairman, director or other member of the  
Council is eligible for reappointment to the Council in the same  
or another capacity.

## CHAIRMAN, DIRECTORS AND MEMBERS.

5. (1) The chairman of the Council and each of the directors shall be paid such salaries and expenses as are fixed by the Governor in Council and shall devote the whole of their time to the performance of their duties under this Act. Salaries of chairman and directors.

(2) The other members of the Council shall serve without remuneration but are entitled to be paid reasonable travelling and living expenses while absent from their ordinary place of residence in the course of their duties under this Act. Travelling and living expenses.

(3) Notwithstanding subsection (2), a member of the Council other than the chairman or a director may, for any period during which he performs, with the approval of the Council, any duties on behalf of the Council in addition to his ordinary duties as a member thereof, be paid such remuneration therefor as may be authorized by the Governor in Council. Remuneration for additional duties.

6. A majority of members constitutes a quorum of the Council. Quorum.

7. A vacancy in the membership of the Council does not impair the right of the remainder to act. Vacancy.

8. (1) The Council may, with the approval of the Governor in Council, designate one of the directors to be vice-chairman of the Council. Vice-chairman.

(2) In the event of the absence or incapacity of the chairman or if the office of chairman is vacant, the vice-chairman has and may exercise and perform all the duties and functions of the chairman. Absence, etc., of chairman.

## DUTIES.

9. It shall be the duty of the Council to advise and recommend to the Minister how Canada can achieve the highest possible levels of employment and efficient production in order that the country may enjoy a high and consistent rate of economic growth and that all Canadians may share in rising living standards; and in particular it shall be the duty of the Council: Duties of Council.

- (a) regularly to assess, on a systematic and comprehensive basis, the medium term and long term prospects of the economy, and to compare such prospects with the potentialities of growth of the economy;
- (b) to recommend what government policies, in the opinion of the Council, will best help to realize the potentialities of growth of the economy;
- (c) to consider means of strengthening and improving Canada's international financial and trade position;
- (d) to study means of increasing Canadian participation in the ownership, control and management of industries in Canada;

- (e) to study how economic growth, technological change and automation, and international economic changes may affect employment and income in Canada as a whole, in particular areas of Canada and in particular sectors of the economy;
- (f) to study and discuss with representatives of the industries concerned and with representatives of labour, farmers and other primary producers, and other occupational groups and organizations, what specific plans for production and investment in major industries in Canada will best contribute to a high and consistent rate of economic growth;
- (g) to study how national economic policies can best foster the balanced economic development of all areas of Canada;
- (h) to explore and evaluate particular projects of major significance for the expansion of industrial and other economic activities in Canada, whether or not such projects may involve direct governmental participation, and to make recommendations concerning those projects that in the opinion of the Council will contribute to the growth of the Canadian economy;
- (i) to encourage maximum consultation and cooperation between labour and management in the fulfilment of the objectives of this Act;
- (j) to seek full and regular consultation with appropriate agencies of the governments of the several provinces; and
- (k) to conduct, if directed to do so by the Minister, reviews of medium term or long term programs of the Government of Canada that are designed to aid or assist industry, labour or agriculture.

Initiation of studies, etc.

**10.** The Council shall on its own initiative, or if directed to do so by the Minister, conduct such studies, inquiries and other undertakings as may be necessary with respect to any matter coming within paragraphs (a) to (k) of section 9 or with respect to any other matter or thing for or relating to the carrying out of its duties under that section, and shall report to, advise or make recommendations to the Minister with respect thereto, as the circumstances require.

#### ADDITIONAL DUTIES OF COUNCIL.

Additional duties.

**11.** (1) In addition to its other duties under this Act the Council shall, for the purpose of promoting and expediting advances in efficiency of production in all sectors of the economy,

- (a) foster and promote
  - (i) the development of improved production and distribution methods,
  - (ii) the development of improved management techniques,

- (iii) the maintenance of good human relations in industry,
- (iv) the use of training programs at all levels of industry, and the use of retraining programs to meet changing manpower requirements,
- (v) the extension of industrial research programs in plants and industries as a means of achieving greater efficiency of production, and
- (vi) the dissemination of technical information; and
- (b) organize, assist and enlist the aid of committees, teams and other groups in the implementation of programs designed to give effect to any of the objectives set forth in paragraph (a).

(2) Any specific programs initiated by the Council in <sup>idem.</sup> relation to any of the objectives set forth in paragraph (a) of subsection (1) shall, if carried out by the Council, be so carried out only until such programs can effectively be continued by other government departments or agencies.

#### ORGANIZATION.

**12.** The head office of the Council shall be in the City of <sup>Head office</sup> Ottawa, but the Council may meet at such other places at such <sup>and</sup> times as it deems necessary. <sup>meetings.</sup>

**13.** The chairman is the chief executive officer of the Council <sup>Direction of</sup> and has supervision over and direction of the work and staff of the <sup>work and</sup> Council. <sup>staff.</sup>

**14.** (1) The Council may, subject to the approval of the <sup>By-laws.</sup> Governor in Council, make by-laws for the regulation of its proceedings and generally for the conduct of its activities, including the establishment of ad hoc, standing and other committees of the Council.

(2) Any by-law made pursuant to subsection (1) <sup>es- Advisor</sup> establishing an advisory committee of the Council may provide for <sup>committees.</sup> the membership thereon of persons other than members of the Council, in addition to members of the Council.

**15.** (1) The Council may <sup>Appointment</sup>

(a) appoint such officers and employees as are necessary <sup>of staff.</sup> for the proper conduct of the work of the Council; and

(b) prescribe the duties of such officers and employees and, subject to the approval of the Treasury Board, prescribe the conditions of their employment.

(2) The officers and employees of the Council appointed <sup>Salaries and</sup> as provided in subsection (1) shall be paid such salaries and <sup>expenses of</sup> expenses as are fixed by the Council with the approval of the <sup>staff.</sup> Treasury Board.

Technical  
and special  
advisers.

**16.** The Council may engage on a temporary basis or for any period of not more than two years the services of persons having technical or specialized knowledge of any matter relating to the work of the Council, to advise and assist the Council in the performance of its duties under this Act, and with the approval of the Treasury Board may fix and pay the remuneration of such persons.

Council  
agent of  
Her Majesty.

**17.** (1) The Council is for all purposes of this Act an agent of Her Majesty and its powers under this Act may be exercised only as an agent of Her Majesty.

Contracts.

(2) The Council may on behalf of Her Majesty enter into contracts in the name of Her Majesty or in its own name.

Property.

(3) Any property acquired by the Council is the property of Her Majesty and title thereto may be vested in the name of Her Majesty or in the name of the Council.

Proceedings.

(4) Actions, suits or other legal proceedings in respect of any right or obligation acquired or incurred by the Council on behalf of Her Majesty, whether in its name or in the name of Her Majesty, may be brought or taken by or against the Council in the name of the Council in any court that would have jurisdiction if the Council were not an agent of Her Majesty.

Application  
of *Public  
Service  
Superannua-  
tion Act*.

**18.** The *Public Service Superannuation Act* does not apply to the members of the Council other than the chairman and the directors, unless in the case of any such member the Governor in Council otherwise directs.

#### FINANCIAL.

Appropriations.

**19.** All amounts required for the payment of salaries and other expenses under this Act including expenses of administration shall be paid out of moneys appropriated by Parliament for the purpose.

#### AUDIT.

Audit.

**20.** The accounts and financial transactions of the Council shall be audited annually by the Auditor General, and a report of the audit shall be made to the Council and to the Minister.

#### REPORTS AND PUBLICATIONS.

Annual  
report to  
be made.

**21.** (1) The chairman of the Council shall, within three months after the termination of each fiscal year, transmit to the Minister a statement relating to the activities of the Council for that fiscal year, including the financial statements of the Council and the Auditor General's report thereon, and the Minister shall cause such statement to be laid before Parliament within fifteen days after the receipt thereof or, if Parliament is not then sitting, on any of the first fifteen days next thereafter that Parliament is sitting.

(2) The Council shall, annually, prepare and cause to be published a review of medium and long term economic prospects and problems. Review to be published.

(3) The Council may cause to be published such studies and reports prepared for the use of the Council as it sees fit. Other publications.

#### REPEAL.

22. (1) The *National Productivity Council Act* is repealed. Repeal.

(2) Notwithstanding subsection (1), any act or thing required to be done by the National Productivity Council for the purpose of enabling the said Council to give effect to subsection (3) may be done in all respects as though the *National Productivity Council Act* had continued in force. 1960-61, c. 4.

(3) Forthwith after the coming into force of this Act, any amount standing to the credit of the National Productivity Council after the payment by it of any debts or other obligations thereof shall be paid by the said Council to the Receiver General of Canada to be held and applied towards the payment of the expenses referred to in section 19 as though that amount had been appropriated by Parliament for such purpose.

## **By-laws of the Economic Council of Canada**

### **By-law No. 1**

A by-law relating generally to the conduct of the activities of the Economic Council of Canada.

#### *Meetings of the Council*

1. The Council shall meet from time to time as determined by the Council but not less often than four times in each calendar year and on any other occasion when a meeting is called by the Chairman.

#### *Executive Committee*

2. There shall be an Executive Committee of the Council consisting of the Chairman, the two Directors and four members, who shall be elected to the Executive Committee as provided in clause 3. The Committee shall meet at the call of the Chairman.

3. The four elected members of the Executive Committee shall be elected by the Council from among the members of the Council and each member shall hold office until his successor has been elected or until his retirement from the Council, whichever shall first occur. An elected member of the Committee is eligible to be re-elected.

4. (a) An election of members for the four elective positions on the Executive Committee shall be held at the first meeting of the Council in each calendar year.

(b) Where an elective position is vacant, an election to that position may be held at any other meeting of the Council.

5. The Executive Committee shall be responsible for the administrative functions of the Council and perform such other duties as the Council may direct.

6. A quorum for any meeting of the Executive Committee of the Council is four of the membership thereof, one of whom shall be the Chairman.

7. The Executive Committee shall keep records of its activities and shall report thereon to the Council at the next ensuing meeting.

8. A vacancy in the membership of the Executive Committee does not impair the right of the remainder to act.

#### *Committees*

9. (a) Standing or ad hoc committees may be appointed by the Council for the conduct of any specific activities.

(b) Notwithstanding the provisions of subsection (a), the term of office of any person appointed to an ad hoc committee shall terminate not later

than on the completion of the project for which the Committee was formed.

10. The Council may authorize the Chairman to establish advisory committees which may include persons other than members of the Council.

11. Members of ad hoc, standing or advisory committees, may be paid such remuneration and expenses as are approved by the Council and authorized by the Governor in Council.

#### *Technical and Special Advisers*

12. The Executive Committee may authorize the Chairman to engage, on a temporary basis, or for any period of not more than two years, the services of persons, private organizations and institutions having technical or specialized knowledge of any matter relating to the work of the Council and may enter into contracts with such persons, organizations and institutions to advise and assist the Council in the performance of its duties under this Act, and with the approval of the Treasury Board may fix and pay the remuneration and expenses of such persons, organizations and institutions.

#### *Hiring of Full-time Officers and Employees*

13. (a) The Executive Committee shall authorize, subject to the approval of Treasury Board, an establishment for the Council indicating positions for officers and employees, classification and salary ranges and any revision thereof, and conditions of employment.
- (b) The Chairman shall select and appoint officers and employees to fill vacancies on the establishment and shall prescribe their duties.

#### **By-law No. 2**

A by-law respecting execution of documents and expenses of the Council.

#### *Execution of Documents*

1. (a) Deeds, transfers, contracts and other instruments in writing made on behalf of the Council shall be signed by any two of the following:  
the Chairman, Directors or the  
Chief of Administration.
- (b) Notwithstanding the provisions of subsection (a), any document or other instrument requiring an expenditure not exceeding \$100 may be executed on behalf of the Council by the Chief of Administration or other officer designated by the Chairman.
- (c) The fiscal year of the Council shall end on the 31st day of March in each year.

*Effective 15 January 1964*

Ottawa, Ontario

June 20, 1977

Economic Council of Canada

and

The Right Honourable Pierre E. Trudeau, P.C., Q.C.  
Ottawa, Ontario

I have examined the statement of expenditure of the Economic Council of Canada for the year ended March 31, 1977. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as I considered necessary in the circumstances.

In my opinion, the statement of expenditure presents fairly the expenditure and source of funds of the Council for the year ended March 31, 1977, in accordance with the accounting policies set out in Note 1, applied on a basis consistent with that of the preceding year.

J.J. MACDONELL  
Auditor General of Canada

# ECONOMIC COUNCIL OF CANADA

(Established by the Economic Council of Canada Act)

Statement of Expenditure  
for the year ended March 31, 1977

	<u>1977</u>	<u>1976</u>
Administration:		
Salaries and employee benefits	\$3,014,412	\$2,875,076
Professional and special services	820,697	684,849
Accommodation	282,754	279,957
Publication of reports and studies	193,022	312,128
Office stationery and supplies	127,210	143,873
Travel and removal	71,270	76,022
Office furniture and equipment	56,261	5,644
Communications	50,623	46,010
Rental of equipment	43,631	50,267
Office renovations	18,647	26,468
Repair of furniture and equipment	7,596	5,545
Miscellaneous	8,029	8,340
Total expenditure	<u>\$4,694,152</u>	<u>\$4,514,179</u>
Total expenditure provided by:		
Appropriations		
Privy Council Vote 20	\$4,056,108	\$3,854,494
Statutory - Contributions to employee benefit plans	297,000	334,000
Government departments which provided services without charge	341,044	325,685
	<u>\$4,694,152</u>	<u>\$4,514,179</u>

The accompanying notes are an integral part of the financial statement.

Certified correct:

N. LAFRANCE  
Chief of Administration

Approved:

GEORGE POST  
Acting Chairman

## Economic Council of Canada

### Notes to the Statement of Expenditure Year ended March 31, 1977

#### 1. Objective and Accounting Policies

##### (a) Objective

The Economic Council of Canada was established on August 2, 1963 by Act of Parliament under the provisions of the Economic Council of Canada Act, and reports to the Prime Minister through the Privy Council. The objective of the Economic Council is to advise and recommend to the Prime Minister how Canada can achieve the highest possible levels of employment and efficient production in order that the country may enjoy a high and consistent rate of economic growth and that all Canadians may share in rising living standards.

##### (b) Accounting policies

The accounts of the Council are maintained on a cash basis modified to include payments in April relating to work performed, goods received or services rendered prior to March 31. Purchases of furniture and equipment are recorded as an administration expenditure in the year of acquisition. This basis of accounting is consistent with the one used by departments of the Government of Canada.

Reported expenditures also include an estimated amount for services provided without charge by government departments.

#### 2. Financing

The amounts required to finance the transactions of the Council are provided by Privy Council Vote 20 and recorded as expenditure in the accounts of Canada. During the year, \$4,464,000 was provided by this Vote and \$407,892 lapsed in accordance with Section 30 of the Financial Administration Act.

#### 3. The Council

The Chairman, 2 Directors and not more than 25 other members are appointed by the Governor in Council. The Chairman and Directors are full time employees of the Council and their remuneration for the year totalled \$109,820 (1976 - \$147,250). Members served without remuneration.



PUBLICATIONS OF THE ECONOMIC COUNCIL OF CANADA  
As of 31 March 1977

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Printing and Publishing  
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Ottawa, Ontario K1A 0S9

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Annual Reports

- Annual Report, 1963-64, John J. Deutsch (EC1-1964)
- Annual Report, 1964-65, John J. Deutsch (EC1-1965)
- Annual Report, 1965-66, John J. Deutsch (EC1-1966)
- Annual Report, 1966-67, John J. Deutsch (EC1-1967)
- Annual Report, 1967-68, Arthur J.R. Smith (EC1-1968)
- Annual Report, 1968-69, Arthur J.R. Smith (EC1-1969)
- Annual Report, 1969-70, Arthur J.R. Smith (EC1-1970)
- Annual Report, 1970-71, Arthur J.R. Smith (EC1-1971)
- Annual Report, 1971-72, André Raynauld (EC1-1972)
- Annual Report, 1972-73, André Raynauld (EC1-1973)
- Annual Report, 1973-74, André Raynauld (EC1-1974)
- Annual Report, 1974-75, André Raynauld (EC1-1975)
- Annual Report, 1975-76, André Raynauld (EC1-1976)
- Annual Report, 1976-77, George Post (EC1-1977)

Annual Reviews

- First Annual Review: Economic Goals for Canada to 1970  
1964 (EC21-1/1964, \$3.50)
- Second Annual Review: Towards Sustained and Balanced  
Economic Growth  
1965 (EC21-1/1965, \$2.75)
- Third Annual Review: Prices, Productivity and Employment  
1966 (EC21-1/1966, \$2.75)
- Fourth Annual Review: The Canadian Economy from the 1960's  
to the 1970's  
1967 (EC21-1/1967, \$2.75)

- No longer available.

- Fifth Annual Review: The Challenge of Growth and Change  
1968 (EC21-1/1968, \$2.75)
- Sixth Annual Review: Perspective 1975  
1969 (EC21-1/1969, \$2.75)
- Seventh Annual Review: Patterns of Growth  
1970 (EC21-1/1970, \$2.50)
- Eighth Annual Review: Design for Decision-Making - An Appli-  
cation to Human Resources Policies  
1971 (EC21-1/1971, \$3.00)
- Ninth Annual Review: The Years to 1980  
1972 (EC21-1/1972, \$2.50)
- Tenth Annual Review: Shaping the Expansion  
1973 (EC21-1/1973, s\$3.50)
- Eleventh Annual Review: Economic Targets and Social Indicators  
1974 (EC21-1/1974, \$4.00)
- Twelfth Annual Review: Options for Growth  
1975 (EC21-1/1975, \$4.50 in Canada,  
\$5.40 other countries)
- Thirteenth Annual Review: The Inflation Dilemma  
1976 (EC21-1/1976, \$5.00 in Canada,  
\$6.00 other countries)

#### Other Council Reports

Interim Report - Consumer Affairs and the Department of the  
Registrar General  
1967 (EC22-1067, \$0.25)

Interim Report on Competition Policy  
1969 (EC22-1269, \$3.25)

Performance and Potential: Mid-1950's to Mid-1970's  
1970 (EC21-1/1970-1, \$1.50)

Performance in Perspective  
1971 (EC21-1/1971-1, \$1.50)

Report on Intellectual and Industrial Property  
1971 (EC22-1370, \$3.25)

Toward More Stable Growth in Construction  
1974 (EC22-2174), \$4.50)

Looking Outward, A New Trade Strategy for Canada  
1975 (EC22-27/1975, \$5.00)

- No longer available.

People and Jobs, A Study of the Canadian Labour Market  
1976 (EC22-42/1976, \$6.00 in Canada, \$7.20 other countries)

Efficiency and Regulation, A Study of Deposit Institutions  
1976 (EC22-47/1976, \$5.00 in Canada, \$6.00 other countries)

Living Together, A Study of Regional Disparities  
1977 (EC22-54/1977, \$5.50 in Canada, \$6.60 other countries)

#### Staff Studies\*

1. Population and Labour Force Projections to 1970  
Frank T. Denton, Yoshiko Kasahara, and Sylvia Ostry, 1965  
(EC22-1/1, \$0.75)
2. Potential Output, 1946 to 1970  
B. J. Drabble, 1965 (EC22-1/2, \$1.00)
- 3. An Analysis of Post-War Unemployment  
Frank T. Denton and Sylvia Ostry, 1965 (EC22-1/3, \$0.75)
4. Housing Demand to 1970  
Wolfgang M. Illing, 1965 (EC22-1/4, \$0.75)
5. Business Investment to 1970  
Derek A. White, 1965 (EC22-1/5, \$1.00)
6. Special Survey of Longer Range Investment Outlook and  
Planning in Business  
B. A. Keys, 1965 (EC22-1/6, \$0.25)
7. Canada and World Trade  
M. G. Clark, 1965 (EC22-1/7, \$0.50)
- 8. Export Projections to 1970  
J. R. Downs, 1965 (EC22-1/8, \$0.75)
9. Federal Tax Revenues at Potential Output, 1960 and 1970  
D. J. Daly, 1965 (EC22-1/9, \$0.50)

\*This series has been discontinued. Staff studies are listed  
henceforth under the heading "Research Studies".

•No longer available.

At press.

10. National Saving at Potential Output to 1970  
Frank Wildgen, 1965 (EC22-1/10, \$0.50)
  - 11. Changes in Agriculture to 1970  
John Dawson, 1965 (EC22-1/11, \$0.50)
  12. The Contribution of Education to Economic Growth  
Gordon W. Bertram, 1966 (EC22-1/12, \$1.90)
  13. Internal Migration in Canada, 1921-1961  
Isabel B. Anderson, 1966 (EC22-1/13, \$1.60)
  - 14. Interregional Disparities in Income  
S. E. Chernick, 1966 (EC22-1/14, \$1.40)
  - 15. An Analysis of Interregional Differences in Manpower  
Utilization and Earnings  
Frank T. Denton, 1966 (EC22-1/15, \$1.00)
  - 17. Business Cycles in Canada  
Derek A. White, 1967 (EC22-1/17, \$2.25)
  18. Manpower Planning in Industry: A Case Study  
B. A. Keys and H. H. Wright, 1966 (EC22-1/18, \$1.00)
  - 19. Population, Family, Household and Labour Force Growth to  
1980  
Wolfgang M. Illing, Yoshiko Kasahara, Frank T. Denton, and  
M. V. George, 1967 (EC22-1/19, \$1.25)
  20. Enrolment in Schools and Universities, 1951-52 to 1975-76  
Wolfgang M. Illing and Zoltan E. Zsigmond, 1967 (EC22-1/20,  
\$1.25)
  21. Scale and Specialization in Canadian Manufacturing  
D. J. Daly, B. A. Keys, and E. J. Spence, 1968 (EC22-1/21,  
\$1.75)
  22. Medium-Term Business Investment Outlook: 1967 Survey  
B. A. Keys, 1967 (EC22-1/22, \$0.35)
  23. Canadian Income Levels and Growth: An International  
Perspective  
Dorothy Walters, 1968 (EC22-1/23, \$2.25)
  24. Canadian Agricultural Productivity  
L. Auer, 1970 (EC-22-1/24, \$1.50)
- No longer available.

25. Enrolment in Educational Institutions, by Province, 1951-52 to 1980-81  
Z. E. Zsigmond and C. J. Wenaas, 1970 (EC22-1/25, \$3.00)
26. Personal Consumer Expenditures in Canada, 1926-75: Part 1  
Thomas T. Schweitzer, 1970 (EC22-1/26-1, \$1.50)  
  
Personal Consumer Expenditures in Canada, 1926-75: Part 2  
Thomas T. Schweitzer, 1971 (EC22-1/26-2, \$1.50)  
  
Personal Consumer Expenditures in Canada, 1926-75: Part 3  
Thomas T. Schweitzer, 1971 (EC22-1/26-3, \$1.50)
27. Some Economic Aspects of Provincial Educational Systems  
J. Cousin, J. P. Fortin, and C. J. Wenaas, 1971 (EC22-1/27, \$2.00)
28. Canadian Growth Revisited, 1950-1967  
Dorothy Walters, 1970 (EC22-1/28, \$1.50)
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John Dawson, 1971 (EC22-1/30, \$1.50)
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Harry H. Postner, 1971 (EC22-1/31, \$2.50)
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E. C. West, 1971 (EC22-1/32, \$1.50)

#### Special Studies\*

1. Immigration and Emigration of Professional and Skilled Manpower during the Post-War Period  
Louis Parai, 1965 (EC22-2/1, \$1.50)
2. A Survey of Labour Market Conditions, Windsor, Ontario, 1964: A Case Study  
G. R. Horne, W. J. Gillen, and R. A. Helling, 1965 (EC22-2/2, \$0.50)

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David W. Slater, 1966 (EC22-2/3, \$1.60)
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Development in Canadian Industry  
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Towards Better Communications between Labour and Management  
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Medium-Term Capital Investment Survey - 1968  
B. A. Keys, D. S. Rothwell, and F. G. Thompson, 1969  
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Medium-Term Capital Investment Survey - 1969  
B. A. Keys, F. G. Thompson, and M. Heath, 1970 (EC21-2/1969, no  
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## Conference Papers and Reports

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Conference on Stabilization Policies, Report of the Conference at University of Western Ontario, August 1965  
1966 (EC22-665, \$3.00)
- Conference on International Trade and Canadian Agriculture, Banff, Alberta, January 1966  
1966 (EC22-766, \$3.00)  
  
National Conference on Labour-Management Relations (1967)  
1967 (EC22-367, \$2.00)  
  
Conference on Government Information Systems, Ottawa, October 5 and 6, 1967  
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The Outlook from 1973, Report of the 1973 National Economic Conference  
1974 (EC21-4/1973-1, \$1.75)
- No longer available.

Papers of the 1973 National Economic Conference  
1974 (EC21-4/1973-2, \$2.50)

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(16 industry committee reports and 6 other papers, no charge)

Priorities in Transition, Proceedings of the 1974 National  
Economic Conference  
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#### CANDIDE Project Papers

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Sample Period 1965-68  
Ronald G. Bodkin, K.S.R. Murthy and Tom Siedule, 1975  
(EC22-19/17, \$1.75)
18. CANDIDE Model 1.1: Vol. 1  
Ronald G. Bodkin and Stephen M. Tanny (ed.), 1975  
(EC22-19/18-1, \$5.00 in Canada, \$6.00 other countries) and  
Vol. 2  
1975 (EC22-19/18-2, \$5.00 in Canada, \$6.00 other countries)

#### Research Studies

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B. A. Keys, F. G. Thompson, and M. Heath, 1971 (EC22-1671, \$1.25)
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Paul Malles, 1971 (EC22-1470, \$3.00)
- Business Education and Faculty at Canadian Universities  
Max von Zur-Muehlen, 1971 (EC22-1571, \$3.25)
- Standards in Canada  
Robert F. Legget, 1971 (SS31-271, \$3.25)
- Canadian Higher Education in the Seventies  
Sylvia Ostry (ed.), 1972 (EC22-1772, \$3.50)
  - No longer available.

The Economy to 1980: Staff Papers  
1972 (EC21-1/1972-1, \$3.50)

The Pattern of Taxation in Canada  
Allan M. Maslove, 1973 (EC22-1873, \$2.50)

A Conceptual Basis for an Industrial Strategy  
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Social Indicators: A Rationale and Research Framework  
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Diversification, Foreign Investment, and Scale in North American  
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Richard E. Caves, 1975 (EC22-23/1975, \$2.50)

Canada's Trade Options  
R. J. Wonnacott, 1975 (EC22-24/1975, \$4.75)

Employment Insecurity and Industrial Relations in the Canadian  
Construction Industry  
Paul Malles, 1975 (EC22-26/1975, \$3.00 in Canada, \$3.60 other  
countries)

Canada-United States Free Trade and Canadian Independence  
Peyton V. Lyon, 1975 (EC22-25/1975, \$1.25 in Canada, \$1.50 other  
countries)

The Structure and Operation of the Construction Industry in  
Canada  
B. A. Keys and D. M. Caskie, 1975 (EC22-28/1975, \$2.75 in  
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Production, Location and the Automotive Agreement  
David L. Emerson, 1975 (EC22-34/1975, \$2.75 in Canada, \$3.30  
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Effective Protection and the Return to Capital  
B. W. Wilkinson and K. Norrie, 1976 (EC22-29/1975, \$3.00 in  
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Construction Instability in Canada  
Ludwig Auer, 1976 (EC22-31/1975, \$2.75 in Canada, \$3.30 other  
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R. A. Jenness, 1976 (EC22-36/1975, \$2.75 in Canada, \$3.30 other countries)

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#### Regional Aspects of the Evolution of Canadian Employment

Fernand Martin, 1976 (EC22-39/1975, \$3.00 in Canada, \$3.60 other countries)

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#### Cyclical Instability in Residential Construction in Canada

Joseph H. Chung, 1976 (EC22-30/1975, \$4.25 in Canada, \$5.10 other countries)

#### Peer Group Effects and Educational Production Functions

Vernon Henderson, Peter Mieszkowski and Yvon Sauvageau, 1976, (EC22-45/1976, \$3.00 in Canada, \$3.60 other countries)

Canadian Labour Standards in Law, Agreement, and Practice  
Paul Malles, 1976 (EC22-44/1976, \$3.25 in Canada, \$3.90 other countries)

The Economic Causes and Effects of Migration: Canada, 1965-71  
E. Kenneth Grant and John Vanderkamp, 1977 (EC22-48/1976, \$4.00 in Canada, \$4.80 other countries)

The Short-Run Dynamics of the Canadian Labour Market  
Frank T. Denton, Christine H. Feaver and A. Leslie Robb, 1977 (EC22-46/1976, \$3.25 in Canada, \$3.90 other countries)

The Euro-Currency Markets and the International Activities of Canadian Banks  
E. Wayne Clendenning, 1977 (EC22-49/1977, \$4.00 in Canada, \$4.80 other countries)

} The Impact of Economy-Wide Changes on the Labour Force: An Econometric Analysis  
Tom Siedule, Nicholas Skoulas and Keith Newton, 1977 (EC22-50/1977, \$3.00 in Canada, \$3.60 other countries)

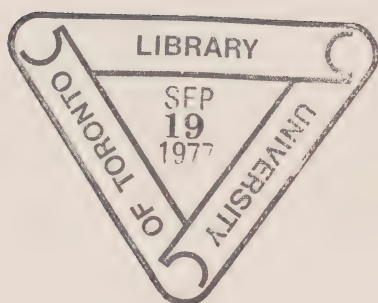
} Deposit-Taking Institutions: Innovation and the Process of Change  
H. H. Binhammer and Jane Williams, 1977 (EC22-51/1977, \$4.50 in Canada, \$5.40 other countries)

} The Determination of Wage-Change Relationships  
J.C.R. Rowley and D. A. Wilton, 1977 (EC22-53/1977, \$4.00 in Canada, \$4.80 other countries)

} At press.











Economic Council of Canada

Annual Report

year ending March 31, 1978



# Economic Council of Canada



## Annual Report

year ending March 31, 1978

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June 30, 1978

The Right Honourable  
PIERRE ELLIOTT TRUDEAU, P.C., M.P.,  
Prime Minister of Canada,  
Parliament Buildings,  
Ottawa, Canada.

Sir:

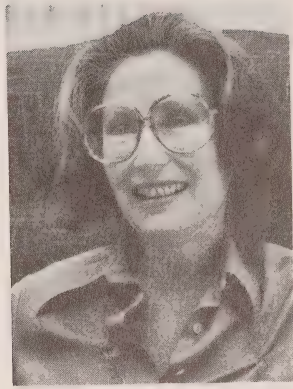
I have the honour to transmit the annual statement relating to the activities of the Economic Council of Canada for the fiscal year ending March 31, 1978, as required by the Economic Council of Canada Act.

Yours very truly,

SYLVIA OSTRY  
Chairman



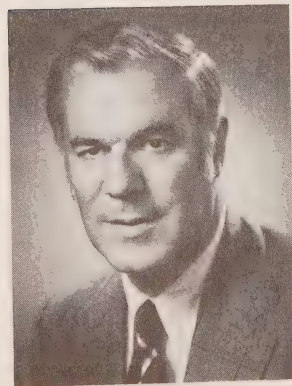
Sylvia Ostry  
Chairman



David Slater  
Director

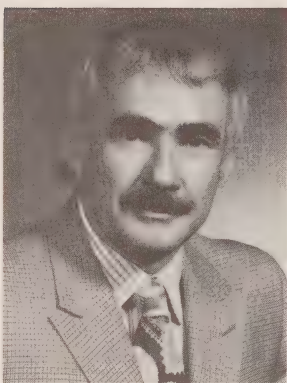


Ian Andrew Barclay  
Chairman and  
Chief Executive Officer  
British Columbia Forest Products  
Vancouver





Marcel Bélanger, C.A.  
Bélanger, Dallaire,  
Gagnon and Associates  
Quebec City

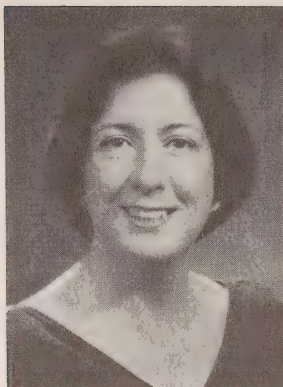


S. Robert Blair  
President and  
Chief Executive Officer  
The Alberta Gas Trunk Line Company  
Calgary

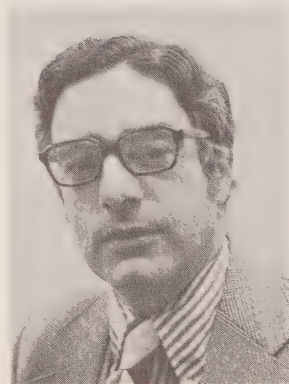


J. A. Brown  
Dean of Agriculture  
University of Saskatchewan  
Saskatoon

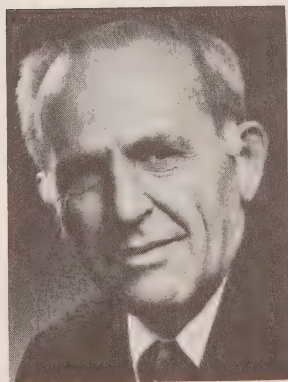
Ms. Pat Carney  
President  
Gemini North Ltd.  
Vancouver

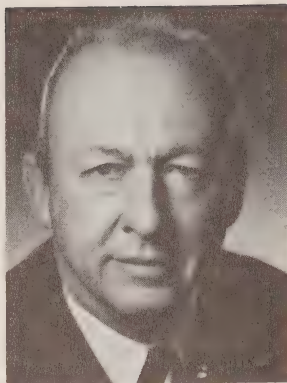


Charles J. Connaghan  
Vice-President  
Administrative Services  
University of British Columbia  
Vancouver



Gérard Dion  
Professor  
Department of  
Industrial Relations  
Université Laval  
Quebec City





Roy Fraser Elliott, Q.C.  
Partner, Stikeman, Elliott,  
Robarts & Bowman  
Toronto

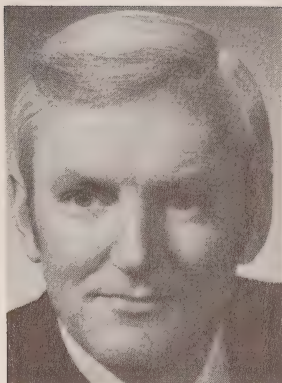


Yolande Laviolette  
Director of Communications  
La Fédération de Québec des  
Caisses Populaires Desjardins  
Lévis



Robert M. MacIntosh  
Executive Vice-President  
The Bank of Nova Scotia  
Toronto

James A. McCambly  
Executive Secretary  
Building and Construction  
Trades Department  
Ottawa



Helen K. Mussallem  
Executive Director  
Canadian Nurses' Association  
Ottawa



Hon. H. A. Olson, P.C.  
Rancher, Former Minister  
of Agriculture  
Iddesleigh





Raymond Primeau  
École Polytechnique  
Université de Montréal  
Montreal



A. M. Runciman  
President  
United Grain Growers  
Winnipeg

William Haviland  
Council Secretary

## Changes in Full-Time Membership

During the year ending March 31, 1978, the following new members were appointed:

Sylvia Ostry	Chairman Economic Council of Canada
David W. Slater	Director Economic Council of Canada

The following member was appointed Deputy Minister of Consumer and Corporate Affairs:

George Post



## HIGHLIGHTS

Before proceeding as usual with this Annual Report, a milestone reached by the Economic Council of Canada merits mention. By the time the Report appears, the Council will have completed its 15th year. During those years, hundreds of studies have been undertaken and published and dozens of conferences, on a variety of major issues, have been organized, as evidenced by the cumulative list of publications at the end of this Report. Since its inception in 1963, the Council has exercised considerable influence, directly or indirectly, on public policy. This influence was due both to the quality of the research and the consensus nature of the Council, involving a membership having strong regional roots. While it is difficult to link particular Council publications or recommendations directly to public policies adopted through a complex, lengthy, democratic process, two prominent decisions of the federal government can be attributed to the Council -- the formation of the departments of Manpower, and Consumer and Corporate Affairs. Two areas of work, where the Council noticeably influenced the public debate during the 1960s, were its education and poverty studies. In the 1960s, and again more recently, the Council has provided new insights into regional disparities across Canada. In short, over its first 15 years, the Economic Council of Canada has left its mark on public thinking and policy. And it will continue to do so. In 1978, the Council began taking another look at the key public concerns of inflation, productivity, economic growth, regional problems and government regulation. In keeping with Council practice in recent years, every effort will be made to communicate its findings as widely as possible.

The various activities of the Economic Council of Canada, during the year ending March 31, 1978, are described in some detail in subsequent sections of this Annual Report. In the remainder of the present section, only highlights are mentioned.

Included in this Report is a central section outlining the program of work of the Council, and listing

the staff involved in each research area and in administration and support services. The "Program of Work" section is commended to the attention of readers interested in following the mainstream of Council activities.

During the year under review, the Council added several more publications to its lengthening list. These are included in the complete list of Council publications which is attached to the end of this Report. Two reports of the Council were released: the Fourteenth Annual Review entitled "Into the 1980s", and Living Together, A Study of Regional Disparities.

The Fourteenth Annual Review gave special attention to the difficulties inherent in simultaneously achieving the nation's growth, inflation restraint, employment and productivity objectives, the countervailing pressures set in train by pursuing one target exclusively, and the need for balanced policies.

Living Together contained recommendations for reducing regional disparities, requiring action by federal and provincial governments. Follow-up to the publication included discussions with audiences in Halifax, Montreal, Winnipeg and Vancouver.

A Conference on Industrial Adaptation was convened in Montreal in June 1977. The purpose was to identify the problems caused by change, especially by intensified competition from developing countries, and to discuss the policy implications.

The Economic Council of Canada is an economic research and policy advisory agency created by Act of Parliament in 1963. As may be seen from the Council Act and By-laws, included toward the end of this Report, the Council was to perform three types of function. First, it was to develop a body of research and analysis that would enable it to offer the country some sort of 'economic blueprint' for the future, whose salient features would then form the basis of a periodic review of actual events and recommendations as to how best to correct deviations from the plan. Second, through active participation by business, labour, agriculture, and other interests in an advisory function, to try to influence public policy on important national issues. And third, this attempt to gain widespread agreement about Canadian objectives was to be furthered by means of the Council's involvement in a

public-education role, expressed primarily through the dissemination of its message in reports addressed to the general public.

Four Council meetings were held during the year ending March 31, 1978. The April 1977 meeting was held in Ottawa, the July 1977 meeting was held at Halifax, and the October 1977 and January 1978 meetings were held in Ottawa.

This Annual Report contains, at the beginning, photographs of most of its members during the past fiscal year. Changes in full-time Council membership during the year are noted.

The special activities of full-time members of Council and staff are listed in a separate section.

The Statement of Expenditure of the Economic Council for the year ending March 31, 1978, audited by the Auditor General of Canada, is shown near the end of this Report. For comparison, the Statement of Expenditure of the previous year also is shown.



## THE PROGRAM OF WORK AND STAFF INVOLVED

The program of work at the Economic Council of Canada consists of research and support services including administration. The research program encompasses continuing commitments of the Council in certain areas, as well as undertakings scheduled to terminate with the publication of a Council report or a series of studies.

As shown in this section of the Annual Report, the research program is organized around a number of project areas. Although necessarily limited in number at any time, these project areas change and evolve to provide new information and analysis in support of the policy-oriented reports of the Council.

For each of the research project areas, there is a research group, co-ordinated by a project director. For each project group, there is a core of a few professionals. These core groups may be strengthened during the period of intensive effort by additional personnel, some of whom work on a contractual basis at the Council and others of whom are more in the nature of external consultants. Upon publication of a Council report, some members of the core group of professionals may continue for a period of time in order to support the dissemination of the Council report.

The professional staff consists mainly of people with advanced training in economics, and their composition of expertise reflects the varied nature of the Council's work. Some of the professional staff have had considerable experience in university work, and others, in government service and industry. The research personnel involved during the year ending March 31, 1978, are shown below by project group. Some full-time staff members contributed to more than one project group during the course of the year. The personnel listed as consultants were contractual, and were involved for varying amounts of time during the year.

In addition to the research staff, the Council maintains a strong centralized group, the members of which are involved in various support functions.

## Performance Research Group

The Performance Research Group was formed in the autumn of 1972 to carry out one of the principal duties assigned to the Economic Council under its terms of reference, namely "regularly to assess, on a systematic and comprehensive basis, the medium-term and long-term prospects of the economy, and to compare such prospects with the potentialities of growth of the economy". This Group plays a leading role in the Council's work since, over the years, assessment of the performance and development prospects of the Canadian economy has become a key feature of the Annual Review.

The Thirteenth Annual Review, in addition to assessing current performance and its medium-term implications, focused on price and cost developments and the impact of inflation on the expenditure decisions of households, governments and firms, and in the area of collective bargaining. The Fourteenth Annual Review, released in November 1977, gave special attention to the difficulties inherent in simultaneously achieving the nation's growth, inflation restraint, employment and productivity objectives, the countervailing pressures set in train by pursuing one target exclusively, and the need for balanced policies.

The Fifteenth Annual Review, to be published in the autumn of 1978, will continue the performance review and the examination of medium-term prospects but will also contain an analysis of issues associated with the changing structure of the Canadian economy.

During the past year, other special studies were undertaken by researchers affiliated with the Performance Research Group. The results of most of these studies have been or will be made available in the Discussion Paper series. The Performance Research Group also offers services to other researchers and groups at the Council.

## Personnel

Director - R.A. Jenness (M.A. Queen's)

### Full-time Professional Staff

J.-M. Cousineau\* (M.Sc. Montreal)  
J. Fortin (M.A. Montreal)  
D. MacMillan (B. A. Carleton)  
N. Mathieu\* (Ph.D. Pennsylvania)  
P. Robillard \* (M.A. Montreal)  
M. Simoneau (L.Sc.Com. H.E.C.)  
L. Wesa (B.A. Lakehead)

### Consultants

J. R. Downs  
Downs Reccon Ltd.  
Professor R. Lacroix  
University of Montreal

\*For part of the year.

## CANDIDE Project

The CANDIDE Group is responsible for macroeconomic model development including maintenance and updating of the large-scale econometric model CANDIDE. The CANDIDE Project was initiated in 1969-70 as an interdepartmental venture under Economic Council auspices. The modelling effort which initially brought into use CANDIDE Model 1.0 has continued to the present time, providing subsequent revisions including Model 1.1, Model 1.2 and Model 1.2M.

The CANDIDE Group currently has two related efforts under way. The present version of CANDIDE (Model 1.2M) will provide policy scenarios for the Fifteenth Annual Review and, among other things, is being used to help assess the regional impact of the auto agreement and to help assess the impact of untying bilateral aid on employment and income in Canada.

The CANDIDE Group has under development a new improved version of CANDIDE. Development began in June 1977 with an expected completion date of summer 1978. Among other things the new Model will include the following improvements:

1. There will be expanded detail at the industry level making it easier to deal with the problem of industrial adaptation (changing industrial structure), etc.
2. There will be an improved supply side to the Model. More detail will be available on wages and prices by industry, especially within manufacturing.
3. There will be an improved mechanism to project money and interest rate developments. Explicit asset and debt portfolio models have been introduced to capture the behaviour of governments in financing debt and portfolio choice of the non-financial sector.
4. Improvements have been made to the demographic sector with more detail available on participation rates. An explicit model has been introduced to determine the birth rate.
5. The investment sector has been improved by introducing explicitly user-cost variables which depend among other things on tax rates, tax credit rates, depreciation laws, economic life, interest rates and acquisition cost.
6. There have been substantial improvements to the data base. The new version of the Model will use as one of its basic data inputs the 1971 Input-Output Table. To complement the improvements made in the wage, price, demographic, output, employment and man-hour sectors, new bodies of data have been developed at the industry level for these indicators.
7. New management techniques have been introduced to reduce the cost of maintaining the new Model once it is complete. Simplified techniques have been introduced to maintain data banks and to maintain the Model in a tuned position ready for use in policy analysis and projection exercises.

Once the new CANDIDE Model is complete, a period of testing and validation will precede the first set of

applications. These applications will include, among other things, inputs for the Sixteenth Annual Review, developing long-run growth scenarios for a 20-year period, and studying the impact of indexing on the deficit position of governments.

## Personnel

Director - R. S. Preston (Ph.D. Pennsylvania)

### Full-time Professional Staff

C. Braithwaite (Ph.D. Queen's)  
 B. Cain (Carleton)  
 B. Eyford (B.Sc. British Columbia)  
 B. Lodh (Ph.D. Rotterdam)  
 T. Schweitzer (Ph.D. Budapest)  
 S. Rao (Ph.D. Queen's)  
 D. Whillans (M.A. Carleton)  
 H. Saiyed (B. Mgt. Sc. Hons. Ottawa)

### Consultants

Informetrica Ltd.  
 Ottawa  
 WEFA  
 Philadelphia  
 Institute for Policy  
 Analysis  
 University of Toronto  
 J. R. Downs  
 Downs Reccon Ltd.  
 C. Parent  
 Ottawa

## Role of Government

This research group, initially known as the Fourteenth Annual Review Group, has conducted research on various aspects of the growth of modern government in Canada. The results are to be published in the spring and summer of 1978 in the form of authored research studies and discussion papers. Subjects include: the growth and economic impact of government; various studies of income maintenance policy; various studies of industry regulation; and the government process.

## Personnel

Director - H.E.L. Waslander (Drs Tilburg)

### Full-time Professional Staff

L. Buchanan (B.A. Queen's)  
D. Fairbarns (B.Sc. McGill)  
C. Kapsalis\* (Ph.D. Rochester)  
B. Rosenfeld (Ph.D. Pennsylvania)  
W. Smith (B.A. Alberta)

### Consultants

Dr. R. E. Babe  
Ottawa  
Professor A. Loyns  
University of Manitoba  
Professor V. S. Wilson  
Carleton University  
Professor H. Whalen  
Memorial University

\*For part of the year.

## Social Indicators

The purposes of this Group are to investigate the factors at work within various socioeconomic areas of concern, to determine the economic significance of these factors, and to examine the objectives and the policy and program implications suggested by certain trends and situations. The work of the Group is intended to be relevant to the interests of a number of organizations in both the public and private sectors, including departments and agencies at all levels of government.

The principal thrusts of the activities of the Group over the course of the past year have focused on important aspects of the areas of income, social security, health, working conditions and employment, urban development and environmental management.

With respect to income, research was continued on the distribution of income across family units in Canada and two Council Discussion Papers were produced.

Further work over the next year will focus particularly on the distribution of employment income across family units having at least one earner working part of the year. Work was also carried out this year on the effects of ethnicity and language spoken on employment income disparities, and this effort, which is of particular interest in the context of the Council's work on the economic issues surrounding Confederation, has been brought to its final stages. A Discussion Paper on one particular aspect of this work was produced.

In the area of social security, both the social security system as a whole and a number of major social security programs have been examined in order to determine the distribution of the costs and benefits of the system, and of the individual programs, across family units ranked in order of income. The first results of this work have appeared in Discussion Paper form, and considerable interest has been shown in this research, particularly among certain federal government departments and agencies. Some of this research is also relevant to the Council's Retirement Income study. Work in this area over the next year will include examining the distribution of the costs and benefits of these programs across family units ordered by region, age of head, number of male and female earners, and other characteristics; determining the cost savings of various potential modifications of the existing social security programs; and standardizing for changes in certain family unit characteristics over time in order to determine the extent to which changes in the distribution of the costs and benefits of these programs are related to demographic shifts. The feasibility of obtaining micro savings rates from existing data on income and expenditures will also be examined.

The work in the area of health over the past year has focused on health care expenditures; on the extent to which changes in the age structure of the population over the next few decades may have an influence on expenditures under the medical care and hospital insurance programs; on the profiles of health care consumption (by age, sex, education, region, and so on) under these two programs; and on the distribution of the costs and benefits of these programs across family

units ordered by level of income. Research on these topics will continue during the coming year, and, in addition, work will be undertaken with respect to the supply of, and demand for, doctors.

Notable efforts have been made in the area of working conditions and employment during the past year. A framework within which the quality of working life may be studied has been set out, industrial democracy has been examined from a Canadian perspective, and the determinants of hours of work have been investigated; this material has appeared in three separate Discussion Papers. Considerable interest in these and related topics has been shown by Labour Canada, the Ontario Ministry of Labour, the Saskatchewan Department of Labour, and many other organizations and individuals. A study was also undertaken on the relationships between occupational roles and organizational factors in the Canadian textile industry, and this research is well advanced. Over the course of 1978-79, research will be undertaken on turnover and absenteeism, and the various factors that are related to these labour market phenomena associated with job satisfaction. The initial work will employ data on a sizable sample of firms located in Ontario. At the same time, an important study is also being undertaken on unemployment, its changing nature and composition. Some of this latter work is intended for inclusion in the Fifteenth Annual Review.

In the area concerned with urban development, research has been undertaken with respect to the effects of residential location choice, job location choice, and the resulting journey-to-work on the pattern of development of urban areas in Canada. This work will particularly emphasize the socioeconomic factors influencing these choices and the resulting journey-to-work. The work was undertaken after consultation with municipal decision-makers and will provide material of direct interest to this level of government. To date, one Discussion Paper has been produced, and other material in the form of Discussion Papers or studies will be forthcoming in 1978-79.

With respect to the natural environment, an area in which the Group has previously produced a significant amount of material, a critique was made of certain aspects of the decision-making process surrounding

major projects which have a large potential impact on the environment. This work has emerged as a Discussion Paper.

Finally, the Group is undertaking work on energy. An assessment is being made of the most feasible ways to reduce the rate of growth of per capita energy consumption, and of the implications of these changes for output, prices, employment, and the balance of payments.

#### Personnel

Director - D. W. Henderson (Ph.D. M.I.T.)

#### Full-time Professional Staff

G. Betcherman\* (M.A. Carleton)  
J.-A. Boulet (M.A. Montreal)  
J. E. Cloutier (M.B.A. Queen's)  
S. K. Gera (M.A. McMaster)  
N. Leckie (B. Com. Carleton)  
K. Newton (Ph.D. Simon Fraser)  
D. M. Paproski (M.A. Alberta)  
J. R. Walker\* (B.A. Carleton)

#### Consultants

Professor P. A. Clark  
University of Bradford  
Professor J.C.R. Rowley  
McGill University

\*For part of the year.

#### Regional Studies-Confederation Group

During the year the Regional Studies Group completed its project on regional disparities with the publication in Spring 1977 of a consensus report entitled: Living Together: A Study of Regional Disparities. The report sold out of its first printing and will appear in a second edition in 1978. Follow-up to the publication of the first edition included a cross-country trip to present and discuss the document before audiences of 50-100 people in Halifax, Montreal, Winnipeg and Vancouver, numerous seminars by members of the research staff, on specific topics, to university and

other audiences, and an article in a newspaper published for high school students, with a circulation of about 40,000. Three staff studies based on the research for Living Together were accepted for publication, and should appear during 1978, and several discussion papers have also been produced.

In September of 1977 the Regional Group ceased regional studies as such, and began addressing problems related to the economics of Confederation, to provide analysis that would enable the Council to contribute to the present debate on national unity. Various reports are scheduled to be completed within the next year or so. Council plans to consider problems of all regions as far as possible, the west as well as Quebec and elsewhere. Three examples of many topics being studied are: the effects of federal decisions on provincial economies; the degree to which it is desirable and feasible to regionalize stabilization policy; and the extent of the income gains attributable to the absence of interregional trade barriers within Canada.

#### Personnel

Director - N. M. Swan (Ph.D. Pennsylvania)

#### Full-time Professional Staff

L. Auer (Ph.D. Iowa State)  
 I. Banks\* (M.A. Queen's)  
 G. Barker (B.A. McGill)  
 R. Beaudry\* (M.A. Montreal)  
 M. Boisvert (Ph.D. Pennsylvania)  
 F. Chabot-Plante\* (B.Sc. Quebec)  
 L. Copithorne (Ph.D. Minnesota)  
 G. A. Glynn (M.A. Alberta)  
 T. Hazledine\* (M.A. Otago)  
 S. Kirby (M.A. Toronto)  
 M. Legault (M.Sc. Montreal)  
 B. MacDonald\* (M.A. Carleton)  
 J. Quiroga (M.A. Queen's)

#### Consultants

Dr. E. W. Clendenning  
 E. Wayne Clendenning  
 Consulting  
 Professor R. Durocher  
 University of Montreal  
 Professor R. Lacroix  
 University of Montreal  
 Professor F. Martin  
 University of Montreal  
 Professor Y. Rabeau  
 University of Montreal  
 Professor J. G. Rowse  
 Queen's University  
 Professor R. Simeon  
 Queen's University  
 Professor A. Wood  
 University of Manitoba

\*For part of the year.

## International Development Study

The International Development Study Group was formed in early 1976. Its mandate was to study Canada's long-term options in its relations with the developing nations, and to suggest methods for improving Canadian co-operation with these countries.

During the past year, the basic research was completed and several studies and discussion papers will soon be published. At its January 1978 meeting, the Council studied a preliminary complete draft of the report on relations between Canada and the developing countries. Publication of this report is planned for June 1978. It will contain recommendations on Canadian policies towards the developing nations in the fields of trade, investment, aid, and immigration.

### Personnel

Director - A. Barsony (M.Sc. Montreal)

### Full-time Professional Staff

S. Arsove (M.Sc. L.S.E.)  
B. Badjeck\* (Ph.D. Montreal)  
A. Hasan\* (Ph.D. Queen's)  
C. J. Hindle\* (Ph.D. Toronto)  
J. Martin\* (B. Math. Waterloo)  
R. Matthews (M.A. Cambridge)  
A. Moroz (M.A. Carleton)  
H. Pearson (B.Sc. Toronto)  
H. Postner (Ph.D. Minnesota)  
D. Wakid\* (M.A. Pittsburg)

\*For part of the year.

### Consultants

Professor A. Berry  
University of Toronto  
Professor R. Bird  
University of Toronto  
Professor J. Buttrick  
York University  
Professor A. Carter  
Brandeis University  
Professor V. Corbo  
Concordia University  
Professor D. J. DeVoretz  
Simon Fraser University  
J. R. Downs  
Downs Reccon Ltd.  
Professor L. Dudley  
University of Montreal  
Professor O. Hawrylyshyn  
Queen's University  
Professor K.A.J. Hay  
Carleton University  
Professor G. K. Helleiner  
University of Toronto

Professor W.H. Kirpalani  
Concordia University  
Professor S. Langdon  
Carleton University  
Professor C.M. Lanphier  
York University  
Professor L. Lefebvre  
York University  
Professor C. Montmarquette  
University of Montreal  
Professor J. Peltier  
University of Quebec  
at Montreal  
Professor A. Ritter  
Carleton University  
Professor L. Sabourin  
University of Ottawa  
Professor A. Smith  
Carleton University

### Financial Markets - Retirement Income Project

The retirement income project evolved from the Council's financial markets program. The second phase of that work had originally been intended to focus on government participation in financial markets through such channels as the Canada and Quebec Pension Plans and various government lending programs. However, preliminary research and discussion suggested that there was a great deal to be said for concentrating resources on the study of pension plans and, more generally, on the maintenance of retirement income. Since a number of other organizations are looking at various aspects of this subject, it was also decided that the major focus of the Council's study would be on the long-term impact of retirement income policies on the Canadian economy.

A good deal of concern has been expressed about the potential burden of retirement income policies on the economy. But there is concern too about the possible inadequacy of provisions for retirement income. Part of the problem in generating public understanding of the issues is that demographic changes and retirement income policies may affect both the demand of the older population for goods and services during their period of retirement and the economy's capabilities for supplying those goods and services. The Council's study will examine both sides of the issue within a comprehensive economic framework.

The study will begin with an analysis of the changing age composition of Canada's population, with particular emphasis on the effects of different fertility, mortality (and life expectancy) and immigration assumptions to the year 2051. It will provide a profile of the older age group and examine some of the implications of the increasing proportion of this group in the total population. It will examine alternative methods of funding public pension plans and how income may be redistributed by these plans under various assumptions about contributions and benefits. It will also look at the impact of public and private plans on the level and allocation (via financial markets) of savings, and on work incentives. Finally, it will try to draw all this work together in a discussion of the aggregative impact of retirement income policies on the economy in the years ahead with a view to recommendations on such matters as the best mix of public and private pension plans, the most desirable funding arrangements for public plans, and investment policies of the various plans.

This study should be of interest not only to government and private groups who are operating retirement income plans, but to a broad spectrum of the public. Indeed, the group most likely to be affected by the matters it will discuss are those who will reach retirement age in the second decade or so of the coming century.

## Personnel

Director - P. M. Cornell (Ph.D. Harvard)

### Full-time Professional Staff

J. Babin\* (M.A. Montreal)  
H. Bartel (Ph.D. Indiana)  
M. J. Daly\* (M.A. Essex))  
C. Kapsalis\* (Ph.D. Rochester)  
K. A. Patterson (M.A. York)  
D. Wakid\* (M.A. Pittsburg)  
P. Wrage (Ph.D. Indiana)

### Consultants

Professor J. B. Burbidge  
Quantec Research, Ltd.  
Dr. E. W. Clendenning  
E. Wayne Clendenning  
Consulting  
Professor F. T. Denton  
Quantec Research, Ltd.  
Professor J. A. Johnson  
Quantec Research, Ltd.  
Professor M. Parkin  
University of Western  
Ontario  
Professor J. R. Pesando  
University of Toronto  
Professor S. Rea, Jr.  
University of Toronto  
Professor A. L. Robb  
Quantec Research, Ltd.  
Professor B. G. Spencer  
Quantec Research, Ltd.  
Professor W. R. Waters  
University of Toronto  
Mr. H. H. Weitz  
Ottawa

\*For part of the year.

## Industrial Adaptation Conference

Canadian industry, like industry in all developed countries, has had to face, and continues to face, the necessity of adapting to far-reaching technological, economic, and social changes. The sources of such change are many and varied, and they can affect various industrial sectors in the economy in different ways.

In addition, a number of pressures have intensified and complicated the adaptation process in recent years -- inflation and recession, energy shortages, increased concern over environmental problems, the larger role of government, and the changing attitudes of workers and consumers. In a number of Canadian manufacturing industries, the problems of adaptation have been intensified by the emergence of greater import competition, both from some developing countries that have become major suppliers of low-cost industrial products and from Canada's traditional trading partners among the developed countries of the world. Such competition has substantially increased the pressure for a number of industries and sectors in Canada to seek methods of surviving through either adaptation measures or higher levels of protection for their products in the domestic market.

To provide an opportunity for business, labour, government, and university representatives to discuss these issues, the Economic Council organized a Conference on Industrial Adaptation in Canada, which was held in Montreal in June 1977. The Conference aimed at identifying the problems caused by change, especially by intensifying competition from developing countries, and the need to adapt to such change; designing a general framework for adaptation policies; examining such a framework in the Canadian context; and discussing the policy implications. Effective consideration of adaptation policies required the participation of people with a detailed and expert knowledge of the industries, workers, and regions that could be affected by such policies -- that is, people from industry, labour, universities, and government. Unfortunately, most of the labour representatives who had been invited to participate withdrew at the last moment.

## Personnel

Conference Director - P. M. Cornell

### assisted by:

J. Fortin  
N. Halpin  
E. V. Nyberg  
J. Ritchie  
Y. Sawyer

### Background Papers by:

Professor R. E. Baldwin  
University of Wisconsin  
Professor D. J. Daly  
York University  
Dr. D. P. DeMelto  
Department of Consumer  
and Corporate Affairs  
Professor S. W. Langdon  
Carleton University  
Mr. R. A. Matthews  
Economic Council of Canada  
Organisation for Economic  
Co-Operation and Development  
Professor P.-P. Proulx  
University of Montreal  
Professor J. R. Williams  
McMaster University

## Administration and Support Services

As an economic research and policy advisory agency created by Parliament, the Economic Council of Canada does not implement or administer government policies or programs. The Chairman is the chief executive officer of the Council. An Executive Committee, consisting of the Chairman, the two Directors, and four Council members, has overall responsibility for the financial affairs of the Council.

Funds required for salaries and other expenses are paid out of moneys appropriated by Parliament, and the Council's annual statements of expenditure are audited by the Auditor General of Canada.

Various functions and services exist in support of the Council and its research and advisory work. The head personnel involved in administration and support services during the year ending March 31, 1978, are shown below.

## Personnel

Council Secretary - W. E. Haviland (Ph.D. Harvard)

Administration - N. Lafrance (Ottawa)

Executive Assistant to Chairman - J. Thomas (B.Sc. Alberta)

Communications - R. Gagnon (D.S.A. Montreal)

Computer Systems - R. A. Stewart (Ph.D. Tokyo)

Statistical Services - J. Serjak (B. Com. Ottawa)

Librarian - I. Lackner (B.L.S. McGill)



SPECIAL ACTIVITIES  
OF FULL-TIME MEMBERS OF COUNCIL AND STAFF

In its research, the Economic Council of Canada benefits from close working relationships with other federal agencies and departments. The Council also strives to consider the views and problems of groups and regions across Canada. Contacts are maintained by means such as discussions with provincial governments and with associations that reflect various economic interests in the private sector. Also, with a view to their own professional development, staff members are encouraged to submit articles for publication in scholarly journals and to participate actively in public conferences. The following list of special activities of full-time Council members and staff indicates the scope of these efforts during the year ending March 31, 1978.

Barker, G. S., "Unemployment Differentials in Canada and Job Search Documentation", address to The North American Conference on Labor Statistics, Minneapolis, June 1977.

Barker, G. S., "Regional Unemployment Differentials and Job Search Patterns in Canada", Monthly Labor Review, October 1977.

Barsony, A., member, Interdepartmental Committee on Futures Studies, Ottawa.

Barsony, A., member, Canadian Coordinating Committee for a UNITAR study on the New International Economic Order.

Barsony, A., appearance before the House Committee on Regional Economic Expansion, Ottawa, May 1977.

Barsony, A., panelist, "The New International Economic Order", annual meeting of the Canadian Economic Association, Fredericton, June 1977.

Barsony, A., participant, Quebec Economic Conference, Montreal, September 1977.

Barsony, A., participant, advisory meeting of the University of the United Nations, Ottawa, October 1977.

Barsony, A., presentation of the Council study on international development before the members of the Interfutures Group, OECD, Paris, October 1977.

Barsony, A., talk on the Canadian economy presented in the framework of the training program for public service managers (CAP), Touraine, March 1978.

Bartel, H., "The Ambiguity of Professor Friedman's Methodology of Positive Economics", paper presented at 8th Annual Management Research Forum, Toronto, May 1977.

Bartel, H., "An Empirical Analysis of the Short-Run Demand for Higher Education", paper presented at Western Economic Association, 52nd Annual Conference, Anaheim, June 1977.

Bartel, H., Chairman, Labor Force Participation Session, Western Economic Association, 52nd Annual Conference, Anaheim, June 1977.

Bartel, H., Session Chairman, Joint National Bureau of Economic Research and Social Security Administration Conference, Williamsburg, March 1978.

Boisvert, M. A., series of conferences on the theme: Regional Planning and Development, École nationale d'administration publique, Hull Campus, Spring 1977.

Boisvert, M. A., Regional President and member of the Board of Directors of the Quebec Association of Economists, June 1977-May 1978.

Boisvert, M. A., "Commentaires à l'esquisse du schéma de la région de Montréal", seminar at the Quebec Planning and Development Office, June 1977.

- Boisvert, M. A., organizer of the conference of the Quebec Association of Economists on Les succès et les échecs du développement international, Hull, October 1977.
- Boisvert, M. A., "The Correspondence Between the Urban Structure and the Economic Base of the Canadian Regions", seminar, University of Toronto, November 1977.
- Boisvert, M. A., "L'Économiste, une pièce dans le système : l'exemple de l'aménagement urbain", L'Économiste, March 1978.
- Boulet, J.-A., "Évolution dans la distribution des revenus de travail des groupes ethniques et linguistiques sur le marché montréalais de 1961 à 1971", speech delivered to the Conference of the Quebec Association of Economists, Montreal, April 1977.
- Boulet, J.-A., "Suggestion d'une technique pour différencier les effets de composition régionale des effets de composition industrielle", speech delivered to the Congress on the Methodology of Development, Trois-Rivières, May 1977.
- Boulet, J.-A., "Réflexion sommaire sur quelques orientations de la recherche dans la répartition du revenu", text submitted to participants of a session on exploration and exchanges of views on the distribution of income, under the auspices of the Laboratory on Distribution and Security of Income, Montreal, December 1977.
- Cain, B., member, Interdepartmental Advisory Committee on External Trade Statistics, Ottawa.
- Cain, B. (with B. Eyford), "Long-Term Econometric Modelling -- CANDIDE to 2000", seminar presented to Interdepartmental Group on Long-Range Forecasting, Department of Finance, Ottawa, April 1977.

Cain, B. (with B. Eyford), "Long-Term Econometric Modelling -- CANDIDE to 2000", seminar presented to Interdepartmental Committee on Futures Research, Ministry of State, Science and Technology, Ottawa, June 1977.

Copithorne, L. (with J. Quiroga); "The Role of Forest Products in Regional Economic Activity: A Study of Spatial and Temporal Optimization", paper presented at the Canadian Economics Association meetings in Fredericton, June 1977.

Copithorne, L. (with M. Legault, J. Quiroga and J. Rowse), "The Role of Canada's Natural Resource Endowment in Regional Economic Growth", paper presented at The International Economics Association Fifth World Congress of Economists, "Economic Growth and Resources", Tokyo, August-September 1977.

Copithorne, L. (with J. Quiroga), "The Potential Impact of Technological Change on the Atlantic Forestry Industry: Scenarios from a National Linear Programming Model of Forest Products", paper presented at the Atlantic Canada Economics Association Conference, Sackville, September 1977.

Copithorne, L., "The Economics of the Quebec-Confederation Controversy", presentation to the Canadian Studies Forum at Fanshawe College, London, October 1977.

Eyford, B.L. (with B. Cain), "Long-Term Econometric Modelling -- CANDIDE to 2000", seminar presented to Interdepartmental Group on Long-Range Forecasting, Department of Finance, Ottawa, April 1977.

Eyford, B.L. (with B. Cain), "Long-Term Econometric Modelling -- CANDIDE to 2000", seminar presented to Interdepartmental Committee on Futures Research, Ministry of State, Science and Technology, Ottawa, June 1977.

Fortin, J. (with J. Ritchie), "The Economic Council of Canada and its Research Activities", seminar with students of the Strathroy Collegiate Institute, Ottawa, April 1977.

Fortin, J. (with F. Chabot-Plante), "Les recommandations contenues dans le Quatorzième Exposé annuel du Conseil Économique du Canada", seminar with students of the University of Sherbrooke, December 1977.

Fortin, J., "Le Conseil Économique et son Quatorzième Exposé annuel", seminar with students of the University of Quebec at Chicoutimi, Ottawa, February 1978.

Fortin, J., participant, Radio-Canada program "Carrefour Nord-Sud" on Canada's economic outlook, Regina, March 1978.

Gera, S., "Econometric Modelling of Residential and Job Location and the Journey-to-Work", seminar to a Workshop on 1971 Census Place of Work Data, Department of Civil Engineering, University of Waterloo, June 1977.

Haviland, W. E., member, Construction Industry Development Council (and Profile Review Panel), an advisory body to the Minister of Industry, Trade and Commerce of Canada, Ottawa.

Haviland, W. E., Canadian member and correspondent, Donaueuropaisches Institut (Organization for International Economic Relations), Vienna.

Haviland, W. E., meetings with representatives of I.M.F., Belgium, Hungary, Romania, United Kingdom, United States, and U.S.S.R., Ottawa.

Haviland, W. E., meetings with Social and Economic Research Group, Montreal, May 1977, Niagara-on-the-Lake, September 1977, and Ottawa, June 1977 and January 1978; Alberta Agrileaders, Ottawa, June 1977; and senior officials of the Canadian Chamber of Commerce, Ottawa, November 1977.

Haviland, W. E., "Some Longer-Term Economic Issues", talk, Union Carbide Canada senior management meeting, Toronto, April 1977.

Haviland, W. E., participant, The Conference Board in Canada Senior Executive Seminar on Employee Communications, Ottawa, October 1977.

Haviland, W. E., "Commodity Price and Earnings Stabilization", Synthesis Paper and further comments, The Trilateral Commission Seminar on The Canadian Perspective on Commodities, Winnipeg, November 1977.

Haviland, W. E., participant, University of Manitoba Fourth Agricultural and Food Marketing Forum on National Food Policy, Winnipeg, January 1978.

Haviland, W. E., participant, Agriculture Canada, National Food Strategy Conference, Ottawa, February 1978.

Haviland, W. E., "Economic Council of Canada", International Encyclopedia of Higher Education, February 1978.

Haviland, W. E., "Medium-Term Economic Issues", speaker, Tax Managers Advisory Committee meeting, Canadian Pulp and Paper Association, Ottawa, March 1978.

Hazledine, T., "Constraints Limiting the Demand for Labour in Canadian Manufacturing Industries", paper presented to Economics Department Seminar, University of Manchester, April 1977.

Hazledine, T., "The Durability of the Market Power-Profitability Relationship in U.K. Manufacturing Industries, 1954-73", paper presented to Economics Department Seminar, University of Warwick, April 1977.

Hazledine, T., "Structure, Cycles, and Economic Market Performance: A Time-Series/Cross Section Study of Canadian Food and Beverages Manufacturing",

paper presented at SSRC Industrial Economics Study Group conference at Queen Mary College, London, April 1977.

Hazledine, T., Chairperson at session on marketing boards, Canadian Economics Association annual meetings, Fredericton, June 1977.

Hazledine, T., "The Demand for Tractors: Tool or Toy?", paper presented at Canadian Agricultural Economics Association annual meetings, University of Guelph, August 1977.

Hazledine, T. (with R. Scott Moreland), "Population and Economic Growth: A World Cross-Section Study", Review of Economics and Statistics, August 1977.

Hazledine, T., "Short-Term Production Functions and Economic Measures of Capacity in U.K. Manufacturing Industry", Oxford Bulletin of Economics and Statistics, November 1977.

Hazledine, T., "The Demand for Factor Inputs on the Prairies: Econometric Equations for Forecasters" in Commodity Forecasting Models for Canadian Agriculture, Economics Branch, Agriculture Canada, March 1978.

Henderson, D. W., member, Interdepartmental Committee on Social Indicators and its Steering Group, Ottawa.

Henderson, D. W., member, Interdepartmental Committee on Science Expenditures, Ottawa.

Henderson, D. W., "Social Indicator Development and Public Policy", speaker, Department of Political Studies, Queen's University, May 1977.

Henderson, D. W. (with J.C.R. Rowley), "The Distribution and Evolution of Canadian Family Incomes, 1965-1973", paper presented at the Eleventh Annual Meeting of the Canadian Economics Association, Fredericton, June 1977.

Henderson, D. W., participant, Labour-Management Conference on "The Quality of Working Life", sponsored by Labour Canada, Kitchener, September 1977.

Henderson, D. W., "Social Indicators and Social Systems Work at the Economic Council", speaker, Montreal Economics Association, November 1977.

Henderson, D. W., participant, Health Review Seminar, Ontario Economic Council, Toronto, November 1977.

Hindle, C., "Mechanisms of Health Cost Control", Canadian Medical Association Journal, May 1977.

Lackner, I., "Economic Council of Canada", Special Libraries Association Business and Finance Division Newsletter, Spring 1977.

Lackner, I., member, International Federation of Library Associations, Social Science Libraries Section Committee on current bibliographies in the social sciences, September 1977.

Lackner, I. (with G. Proderick), co-editor of Economic Libraries in Canada, a directory, School of Library and Information Science, University of Western Ontario, December 1977.

Lackner, I., Chairman, 1977-78 Nominating Committee, Montreal Chapter Special Libraries Association.

Lodh, B. K., "The Impact of Inflation on the Budgetary Position of Governments of Canada, Federal and Non-Federal: Some Simulation Experiments with CANDIDE 1.2M", paper presented at the Southern Economic Association Annual Meeting, New Orleans, November 1977.

Lodh, B. K., "The Other Side of Evaluation of Large-Scale Econometric Models: How Much Are Models Truly Endogenous?", seminar at the Department of Economics, University of New Orleans, November 1977.

- Matthews, R. A., "The Myth of 'Little Canada' ", a three-part series in the Financial Times of Canada: "The Economics of Scarcity" (February 28, 1977); "The Economics of Immigration" (March 7, 1977); "Efficiency and Self-Sufficiency" (March 14, 1977).
- Newton, K., "The Rationale for Government Intervention in Manpower Training in Canada: Theory and Evidence", Relations Industrielles, No. 3, 1977.
- Newton, K., "Reflections on the Economic Council's Labour Market Study", lecture at the Institute of Industrial Relations, University of Toronto, March 1977.
- Newton, K., "Towards a Theory of Industrial Democracy", seminar at the Labour Workshop, McGill University, March 1977.
- Newton, K., "Unemployment", Keynote speech for Conference on Unemployment, Humber College, Toronto, May 1977.
- Newton, K., Workshop Chairman, Labour-Management Conference on the Quality of Working Life, Kitchener, September 1977.
- Newton, K., participant, Labour-Management Conference on Industrial Democracy in Western Europe: Its Relevance for Canada, Toronto, November 1977.
- Newton, K., "Some Aspects of the Canadian Labour Market", address at University of Winnipeg, November 1977.
- Newton, K., "Economic Perspectives on the Quality of Working Life", seminar, Department of Economics, University of Winnipeg, November 1977.
- Newton, K., "Some Simple Analytics of the Phillips Curve: A Geometric Derivation", The American Economist, Fall 1977.

- Newton, K., "Canadian Unemployment in the '70s", lecture, School of Journalism, Carleton University, January 1978.
- Ostry, S., assumed chairmanship of the Economic Council of Canada, Ottawa, February 1978.
- Ostry, S., appearance before the House of Commons Committee on Finance, Trade and Economic Affairs, Ottawa, March 1978.
- Paproski, D., "A First-Approximation Urban-Air-Quality Indicator", Metropolitan Physical Environment, U.S. Department of Agriculture, 1977.
- Paproski, D., "Place of Work -- Place of Residence for 22 Census Metropolitan Areas", presented to the Annual Conference of the Canadian Association of Municipal Administrators, Toronto, May 1977.
- Paproski, D., "Econometric Modelling of Residential and Job Location and the Journey-to-Work", presented to a Workshop on 1971 Census Place of Work Data, Department of Civil Engineering, University of Waterloo, June 1977.
- Paproski, D., "Substantive Policy Issues: Externalities", seminar, Graduate Public Administration Students, Carleton University, July 1977.
- Paproski, D., review of T.J. Plunket, "Understanding Urban Development in Canada", for Federation of Canadian Municipalities, Forum, September 1977.
- Paproski, D., review of D.N. Dewees et al., "Economic Analysis of Environmental Policies", for the Roads and Transportation Association of Canada, News, November-December 1977.
- Paproski, D., program committee member in charge of Economic Issues Theme for the "Shaping the Future Conference", to be held at the University of Ottawa, August 1978.

Quiroga, J. (with L. Copithorne), "The Role of Forest Products in Regional Economic Activity: A Study in Spatial and Temporal Optimization", paper presented at the Canadian Economics Association meetings, Fredericton, June 1977.

Quiroga, J. (with L. Copithorne, M. Legault and J. Rowse), "The Role of Canada's Natural Resource Endowment in Regional Economic Growth", paper presented at the International Economic Association Fifth World Congress of Economics on Economic Growth and Resources, Tokyo, August-September 1977.

Quiroga, J. (with L. Copithorne), "The Potential Impact of Technological Change on the Atlantic Forestry Industry: Scenarios from a National Linear Programming Model of Forest Products", paper presented at the Atlantic Canada Economics Association Conference, Sackville, September 1977.

Rao, P. S. (with J. D. Whillans), "The Structure of Monetary Sector of CANDIDE 2.0", seminar at Bank of Canada, Ottawa, October 1977.

Rao, P. S., "A Short-Run Disaggregated Model of Rail Freight Demand for Canada", The Logistics and Transportation Review, November 1977.

Rao, P. S., "Forecasting the Demand for Railway Freight Services", Journal of Transport Economics and Policy, January 1978.

Schweitzer, T., member, Interdepartmental Committee on Futures Research, Ottawa.

Schweitzer, T., "Models, CANDIDE and the Projections for the ECC 14th Annual Review", graduate seminar, Department of Public Administration, University of Ottawa, January 1978.

Schweitzer, T., "CANDIDE Simulations for the 14th Annual Review of the Economic Council", discussion with Statistics and Information Committee

of the Canadian Chemical Producers' Association, Ottawa, February 1978.

Swan, N. M., "Regional Stabilization Policy", address to the Montreal Economics Association, April 1977.

Swan, N. M., "The Medium-Term Economic Outlook and Its Implications for Regional Disparities", address to the Canadian Economic Policy Committee, Edmonton, May 1977.

Swan, N. M., "Productivity and Unemployment in Atlantic Canada", address to the Atlantic Development Council, Bridgewater, June 1977.

Swan, N. M., "Regional Disparities and Employment", paper presented at a seminar on Meeting Employment Needs in Canada, organized by the Executive Development Program of the Public Service Commission, Montebello, July 1977.

Swan, N. M., "A Strategy for Atlantic Development", paper presented at a seminar on Regional Expectations of Atlantic Canada, organized by the Executive Development Program of the Public Service Commission, Moncton, October 1977.

Swan, N. M., deputizing for Acting Chairman at conference on The Future of the Canadian Federation, Toronto, October 1977.

Swan, N. M., "Some Theory of Regional Employment Differentials", paper presented at seminars at the Universities of British Columbia, Calgary, Alberta, and Manitoba, November 1977.

Swan, N. M., "Regional Disparities - Fact or Myth", paper presented at a seminar on Business-Government Interface, organized jointly by the Executive Development Program of the Public Service Commission and the Advanced Management Centre of Dalhousie University in co-operation with the Dalhousie Bureau of Industry, Halifax, November 1977.

Swan, N. M., deputizing for Acting Chairman at seminar on Canada's Future, Niagara-on-the-Lake, November 1977.

Swan, N. M., "The Adding Up Problem in the Confederation Debate", panelist at the Professional Development Workshop of the Ottawa Association for Applied Economics, Ottawa, February 1978.

Swan, N. M., "Unemployment in Eastern Canada", paper presented at a seminar at Queen's University, Kingston, February 1978.

Waslander, H.E.L., "Simulating the Canadian Economy with CANDIDE", seminar, Carleton University, Ottawa, April 1977.

Waslander, H.E.L., "International Comparisons of Government Expenditure Growth", seminar, Faculty of Business Administration, York University, Toronto, January 1978.

Waslander, H.E.L., "Issues in Government Growth", address, McMaster Economics Society, Hamilton, March 1978.

Wrage, P., panel member, Conference on "The Economic Implications of the Growth of Canadian Credit Unions", National Association of Canadian Credit Unions, Ottawa, May 1977.

Wrage, P., "The Economic Efficiency of Migration: The Effects of Internal Migration on Income and Unemployment Disparities in Canada", paper presented at 11th Annual Meeting of the Canadian Economics Association, Fredericton, June 1977.



## 12 ELIZABETH II.

### CHAP. 11

An Act to provide for the establishment  
of an Economic Council of Canada.

[Assented to 2nd August, 1963.]

Her Majesty, by and with the advice and consent of the Senate  
and House of Commons of Canada, enacts as follows:—

#### SHORT TITLE.

Short title.      1. This Act may be cited as the *Economic Council of Canada Act*.

#### INTERPRETATION.

Definitions.      2. In this Act,  
"Council."      (a) "Council" means the Economic Council of Canada  
established by section 3; and  
"Minister."      (b) "Minister" means such member of the Queen's Privy  
Council for Canada as may be designated by the  
Governor in Council to act as the Minister for the  
purposes of this Act.

#### COUNCIL ESTABLISHED.

Establish-      3. There is hereby established a corporation to be known as  
ment and      the Economic Council of Canada, consisting of a chairman, two  
constitution.      directors and not more than twenty-five other members, to be  
appointed by the Governor in Council as provided in section 4.

Appoint-      4. (1) The chairman of the Council and each of the directors  
ment of      shall be appointed to hold office for a term not exceeding seven  
chairman      years.  
and directors.

Appoint-      (2) Each of the other members of the Council shall be  
ment of      appointed after consultation with appropriate representative organ-  
other      izations to hold office for a term of three years, except that of  
members.      those first appointed not less than one-third shall be appointed  
for a term of two years and not less than one-third shall be  
appointed for a term of four years.

Eligibility      (3) A retiring chairman, director or other member of the  
for      Council is eligible for reappointment to the Council in the same  
reappoint-      or another capacity.  
ment.

## CHAIRMAN, DIRECTORS AND MEMBERS.

5. (1) The chairman of the Council and each of the directors shall be paid such salaries and expenses as are fixed by the Governor in Council and shall devote the whole of their time to the performance of their duties under this Act. Salaries of chairman and directors.

(2) The other members of the Council shall serve without remuneration but are entitled to be paid reasonable travelling and living expenses while absent from their ordinary place of residence in the course of their duties under this Act. Travelling and living expenses.

(3) Notwithstanding subsection (2), a member of the Council other than the chairman or a director may, for any period during which he performs, with the approval of the Council, any duties on behalf of the Council in addition to his ordinary duties as a member thereof, be paid such remuneration therefor as may be authorized by the Governor in Council. Remuneration for additional duties.

6. A majority of members constitutes a quorum of the Council. Quorum.

7. A vacancy in the membership of the Council does not impair the right of the remainder to act. Vacancy.

8. (1) The Council may, with the approval of the Governor in Council, designate one of the directors to be vice-chairman of the Council. Vice-chairman.

(2) In the event of the absence or incapacity of the chairman or if the office of chairman is vacant, the vice-chairman has and may exercise and perform all the duties and functions of the chairman. Absence, etc., of chairman.

## DUTIES.

9. It shall be the duty of the Council to advise and recommend to the Minister how Canada can achieve the highest possible levels of employment and efficient production in order that the country may enjoy a high and consistent rate of economic growth and that all Canadians may share in rising living standards; and in particular it shall be the duty of the Council: Duties of Council.

- (a) regularly to assess, on a systematic and comprehensive basis, the medium term and long term prospects of the economy, and to compare such prospects with the potentialities of growth of the economy;
- (b) to recommend what government policies, in the opinion of the Council, will best help to realize the potentialities of growth of the economy;
- (c) to consider means of strengthening and improving Canada's international financial and trade position;
- (d) to study means of increasing Canadian participation in the ownership, control and management of industries in Canada;

- (e) to study how economic growth, technological change and automation, and international economic changes may affect employment and income in Canada as a whole, in particular areas of Canada and in particular sectors of the economy;
- (f) to study and discuss with representatives of the industries concerned and with representatives of labour, farmers and other primary producers, and other occupational groups and organizations, what specific plans for production and investment in major industries in Canada will best contribute to a high and consistent rate of economic growth;
- (g) to study how national economic policies can best foster the balanced economic development of all areas of Canada;
- (h) to explore and evaluate particular projects of major significance for the expansion of industrial and other economic activities in Canada, whether or not such projects may involve direct governmental participation, and to make recommendations concerning those projects that in the opinion of the Council will contribute to the growth of the Canadian economy;
- (i) to encourage maximum consultation and cooperation between labour and management in the fulfilment of the objectives of this Act;
- (j) to seek full and regular consultation with appropriate agencies of the governments of the several provinces; and
- (k) to conduct, if directed to do so by the Minister, reviews of medium term or long term programs of the Government of Canada that are designed to aid or assist industry, labour or agriculture.

Initiation of studies, etc.

**10.** The Council shall on its own initiative, or if directed to do so by the Minister, conduct such studies, inquiries and other undertakings as may be necessary with respect to any matter coming within paragraphs (a) to (k) of section 9 or with respect to any other matter or thing for or relating to the carrying out of its duties under that section, and shall report to, advise or make recommendations to the Minister with respect thereto, as the circumstances require.

#### ADDITIONAL DUTIES OF COUNCIL.

Additional duties.

**11.** (1) In addition to its other duties under this Act the Council shall, for the purpose of promoting and expediting advances in efficiency of production in all sectors of the economy,

(a) foster and promote

- (i) the development of improved production and distribution methods,
- (ii) the development of improved management techniques,

- (iii) the maintenance of good human relations in industry,
  - (iv) the use of training programs at all levels of industry, and the use of retraining programs to meet changing manpower requirements,
  - (v) the extension of industrial research programs in plants and industries as a means of achieving greater efficiency of production, and
  - (vi) the dissemination of technical information; and
- (b) organize, assist and enlist the aid of committees, teams and other groups in the implementation of programs designed to give effect to any of the objectives set forth in paragraph (a).

(2) Any specific programs initiated by the Council in Idem. relation to any of the objectives set forth in paragraph (a) of subsection (1) shall, if carried out by the Council, be so carried out only until such programs can effectively be continued by other government departments or agencies.

#### ORGANIZATION.

12. The head office of the Council shall be in the City of Head office  
Ottawa, but the Council may meet at such other places at such and  
times as it deems necessary. meetings.

13. The chairman is the chief executive officer of the Council Direction of  
and has supervision over and direction of the work and staff of the work and  
Council. staff.

14. (1) The Council may, subject to the approval of the By-laws.  
Governor in Council, make by-laws for the regulation of its  
proceedings and generally for the conduct of its activities, includ-  
ing the establishment of ad hoc, standing and other committees  
of the Council.

(2) Any by-law made pursuant to subsection (1) es- Advisor '  
tablishing an advisory committee of the Council may provide for: committees.  
the membership thereon of persons other than members of the  
Council, in addition to members of the Council.

15. (1) The Council may Appointment  
(a) appoint such officers and employees as are necessary of staff.  
for the proper conduct of the work of the Council;  
and  
(b) prescribe the duties of such officers and employees  
and, subject to the approval of the Treasury Board,  
prescribe the conditions of their employment.

(2) The officers and employees of the Council appointed Salaries and  
as provided in subsection (1) shall be paid such salaries and expenses of  
expenses as are fixed by the Council with the approval of the staff.  
Treasury Board.

Technical  
and special  
advisers.

16. The Council may engage on a temporary basis or for any period of not more than two years the services of persons having technical or specialized knowledge of any matter relating to the work of the Council, to advise and assist the Council in the performance of its duties under this Act, and with the approval of the Treasury Board may fix and pay the remuneration of such persons.

Council  
agent of  
Her Majesty.

17. (1) The Council is for all purposes of this Act an agent of Her Majesty and its powers under this Act may be exercised only as an agent of Her Majesty.

Contracts.

(2) The Council may on behalf of Her Majesty enter into contracts in the name of Her Majesty or in its own name.

Property.

(3) Any property acquired by the Council is the property of Her Majesty and title thereto may be vested in the name of Her Majesty or in the name of the Council.

Proceedings.

(4) Actions, suits or other legal proceedings in respect of any right or obligation acquired or incurred by the Council on behalf of Her Majesty, whether in its name or in the name of Her Majesty, may be brought or taken by or against the Council in the name of the Council in any court that would have jurisdiction if the Council were not an agent of Her Majesty.

Application  
of Public  
Service  
Superannua-  
tion Act.

18. The *Public Service Superannuation Act* does not apply to the members of the Council other than the chairman and the directors, unless in the case of any such member the Governor in Council otherwise directs.

#### FINANCIAL.

Appropri-  
ations.

19. All amounts required for the payment of salaries and other expenses under this Act including expenses of administration shall be paid out of moneys appropriated by Parliament for the purpose.

#### AUDIT.

Audit.

20. The accounts and financial transactions of the Council shall be audited annually by the Auditor General, and a report of the audit shall be made to the Council and to the Minister.

#### REPORTS AND PUBLICATIONS.

Annual  
report to  
be made.

21. (1) The chairman of the Council shall, within three months after the termination of each fiscal year, transmit to the Minister a statement relating to the activities of the Council for that fiscal year, including the financial statements of the Council and the Auditor General's report thereon, and the Minister shall cause such statement to be laid before Parliament within fifteen days after the receipt thereof or, if Parliament is not then sitting, on any of the first fifteen days next thereafter that Parliament is sitting.

(2) The Council shall, annually, prepare and cause to be published a review of medium and long term economic prospects and problems. <sup>Review to be published.</sup>

(3) The Council may cause to be published such studies and reports prepared for the use of the Council as it sees fit. <sup>Other publications.</sup>

#### REPEAL.

**22.** (1) The *National Productivity Council Act* is repealed. <sup>Repeal. 1960-61, c. 4.</sup>

(2) Notwithstanding subsection (1), any act or thing required to be done by the National Productivity Council for the purpose of enabling the said Council to give effect to subsection (3) may be done in all respects as though the *National Productivity Council Act* had continued in force.

(3) Forthwith after the coming into force of this Act, any amount standing to the credit of the National Productivity Council after the payment by it of any debts or other obligations thereof shall be paid by the said Council to the Receiver General of Canada to be held and applied towards the payment of the expenses referred to in section 19 as though that amount had been appropriated by Parliament for such purpose.

## **By-laws of the Economic Council of Canada**

### **By-law No. 1**

A by-law relating generally to the conduct of the activities of the Economic Council of Canada.

#### *Meetings of the Council*

1. The Council shall meet from time to time as determined by the Council but not less often than four times in each calendar year and on any other occasion when a meeting is called by the Chairman.

#### *Executive Committee*

2. There shall be an Executive Committee of the Council consisting of the Chairman, the two Directors and four members, who shall be elected to the Executive Committee as provided in clause 3. The Committee shall meet at the call of the Chairman.

3. The four elected members of the Executive Committee shall be elected by the Council from among the members of the Council and each member shall hold office until his successor has been elected or until his retirement from the Council, whichever shall first occur. An elected member of the Committee is eligible to be re-elected.

4. (a) An election of members for the four elective positions on the Executive Committee shall be held at the first meeting of the Council in each calendar year.

(b) Where an elective position is vacant, an election to that position may be held at any other meeting of the Council.

5. The Executive Committee shall be responsible for the administrative functions of the Council and perform such other duties as the Council may direct.

6. A quorum for any meeting of the Executive Committee of the Council is four of the membership thereof, one of whom shall be the Chairman.

7. The Executive Committee shall keep records of its activities and shall report thereon to the Council at the next ensuing meeting.

8. A vacancy in the membership of the Executive Committee does not impair the right of the remainder to act.

#### *Committees*

9. (a) Standing or ad hoc committees may be appointed by the Council for the conduct of any specific activities.

(b) Notwithstanding the provisions of subsection (a), the term of office of any person appointed to an ad hoc committee shall terminate not later

than on the completion of the project for which the Committee was formed.

10. The Council may authorize the Chairman to establish advisory committees which may include persons other than members of the Council.

11. Members of ad hoc, standing or advisory committees, may be paid such remuneration and expenses as are approved by the Council and authorized by the Governor in Council.

#### *Technical and Special Advisers*

12. The Executive Committee may authorize the Chairman to engage, on a temporary basis, or for any period of not more than two years, the services of persons, private organizations and institutions having technical or specialized knowledge of any matter relating to the work of the Council and may enter into contracts with such persons, organizations and institutions to advise and assist the Council in the performance of its duties under this Act, and with the approval of the Treasury Board may fix and pay the remuneration and expenses of such persons, organizations and institutions.

#### *Hiring of Full-time Officers and Employees*

13. (a) The Executive Committee shall authorize, subject to the approval of Treasury Board, an establishment for the Council indicating positions for officers and employees, classification and salary ranges and any revision thereof, and conditions of employment.
- (b) The Chairman shall select and appoint officers and employees to fill vacancies on the establishment and shall prescribe their duties.

#### **By-law No. 2**

A by-law respecting execution of documents and expenses of the Council.

#### *Execution of Documents*

1. (a) Deeds, transfers, contracts and other instruments in writing made on behalf of the Council shall be signed by any two of the following:  
the Chairman, Directors or the  
Chief of Administration.
- (b) Notwithstanding the provisions of subsection (a), any document or other instrument requiring an expenditure not exceeding \$100 may be executed on behalf of the Council by the Chief of Administration or other officer designated by the Chairman.
- (c) The fiscal year of the Council shall end on the 31st day of March in each year.

*Effective 15 January 1964*

Economic Council of Canada

and

The Right Honourable Pierre E. Trudeau, P.C., Q.C.  
Ottawa, Ontario

I have examined the statement of expenditure of the Economic Council of Canada for the year ended March 31, 1978. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as I considered necessary in the circumstances.

In my opinion, the financial statement presents fairly the results of the operation of the Council for the year ended March 31, 1978, in accordance with the accounting policies set out in Note 2, applied on a basis consistent with that of the preceding year.

J.J. MACDONELL  
Auditor General of Canada

Ottawa, Ontario

May 30, 1978

# ECONOMIC COUNCIL OF CANADA

(Established by the Economic Council of Canada Act)

Statement of Expenditure  
for the year ended March 31, 1978

	<u>1978</u>	<u>1977</u>
Administration:		
Salaries and employee benefits	\$3,376,235	\$3,014,412
Professional and special services	927,923	820,697
Accommodation	294,429	282,754
Publicity, publication of reports and studies	156,394	193,022
Office stationery and supplies	127,468	127,210
Travel and removal	94,386	71,270
Communications	76,130	50,623
Office furniture and equipment	60,751	56,261
Rental of equipment	50,648	43,631
Repair of furniture and equipment	11,891	7,596
Miscellaneous	4,348	26,676
Total expenditure	<u>\$5,180,603</u>	<u>\$4,694,152</u>
Total expenditure provided by:		
Appropriations		
Privy Council Vote 20	\$4,438,574	\$4,056,108
Statutory - Contributions to employee benefit plans	402,000	297,000
Government departments which provided services without charge	340,029	341,044
	<u>\$5,180,603</u>	<u>\$4,694,152</u>

The accompanying notes are an integral part of the financial statement.

Certified correct:

N. LAFRANCE  
Chief of Administration

Approved:

SYLVIA OSTRY  
Chairman

## Economic Council of Canada

### Notes to the Statement of Expenditure Year ended March 31, 1978

#### 1. Objective

The Economic Council of Canada was established on August 2, 1963 by Act of Parliament under the provisions of the Economic Council of Canada Act, and reports to the Prime Minister through the Privy Council. The objective of the Economic Council is to advise and recommend to the Prime Minister how Canada can achieve the highest possible levels of employment and efficient production in order that the country may enjoy a high and consistent rate of economic growth and that all Canadians may share in rising living standards.

#### 2. Accounting Policies

The accounts of the Council are maintained on a cash basis modified to include payments made in April relating to work performed, goods received or services rendered prior to March 31. Purchases of furniture and equipment are recorded as an administration expenditure in the year of acquisition. This basis of accounting is consistent with that used by departments of the Government of Canada.

Reported expenditures also include an estimated amount for services provided without charge by government departments.

#### 3. Financing

The amounts required to finance the transactions of the Council are provided by Privy Council Vote 20 and recorded as expenditure in the accounts of Canada. During the year, \$4,844,000 was provided by this Vote and \$405,426 lapsed in accordance with Section 30 of the Financial Administration Act.



PUBLICATIONS OF THE ECONOMIC COUNCIL OF CANADA  
As of 31 March 1978

Economic Council publications are available through your book-seller or by written purchase order from:

Printing and Publishing  
Supply and Services Canada  
Ottawa, Ontario K1A 0S9

To avoid delay, postal orders should be accompanied by a money order payable to the Receiver General for Canada.

Annual Reports

- Annual Report, 1963-64, John J. Deutsch (EC1-1964)
- Annual Report, 1964-65, John J. Deutsch (EC1-1965)
- Annual Report, 1965-66, John J. Deutsch (EC1-1966)
- Annual Report, 1966-67, John J. Deutsch (EC1-1967)
- Annual Report, 1967-68, Arthur J.R. Smith (EC1-1968)
- Annual Report, 1968-69, Arthur J.R. Smith (EC1-1969)
- Annual Report, 1969-70, Arthur J.R. Smith (EC1-1970)
- Annual Report, 1970-71, Arthur J.R. Smith (EC1-1971)
- Annual Report, 1971-72, André Raynauld (EC1-1972)
- Annual Report, 1972-73, André Raynauld (EC1-1973)
- Annual Report, 1973-74, André Raynauld (EC1-1974)
- Annual Report, 1974-75, André Raynauld (EC1-1975)
- Annual Report, 1975-76, André Raynauld (EC1-1976)
- Annual Report, 1976-77, George Post (EC1-1977)
- Annual Report, 1977-78, Sylvia Ostry (EC1-1978)

Annual Reviews

- First Annual Review: Economic Goals for Canada to 1970  
1964 (EC21-1/1964, \$3.50)
- Second Annual Review: Towards Sustained and Balanced  
Economic Growth  
1965 (EC21-1/1965, \$2.75)
- Third Annual Review: Prices, Productivity and Employment  
1966 (EC21-1/1966, \$2.75)
- Fourth Annual Review: The Canadian Economy from the 1960's  
to the 1970's  
1967 (EC21-1/1967, \$2.75)
- No longer available.

- Fifth Annual Review: The Challenge of Growth and Change  
1968 (EC21-1/1968, \$2.75)
- Sixth Annual Review: Perspective 1975  
1969 (EC21-1/1969, \$2.75)
- Seventh Annual Review: Patterns of Growth  
1970 (EC21-1/1970, \$2.50)
- Eighth Annual Review: Design for Decision-Making - An Appli-  
cation to Human Resources Policies  
1971 (EC21-1/1971, \$3.00)
- Ninth Annual Review: The Years to 1980  
1972 (EC21-1/1972, \$2.50)
- Tenth Annual Review: Shaping the Expansion  
1973 (EC21-1/1973, \$3.50)
- Eleventh Annual Review: Economic Targets and Social Indicators  
1974 (EC21-1/1974, \$4.00)
- Twelfth Annual Review: Options for Growth  
1975 (EC21-1/1975, \$4.50 in Canada,  
\$5.40 other countries)
- Thirteenth Annual Review: The Inflation Dilemma  
1976 (EC21-1/1976, \$5.00 in Canada,  
\$6.00 other countries)
- Fourteenth Annual Review: Into the 1980s  
1977 (EC21-1/1977, \$2.00 in Canada,  
\$2.40 other countries)

#### Other Council Reports

Interim Report - Consumer Affairs and the Department of the  
Registrar General  
1967 (EC22-1067, \$0.25)

Interim Report on Competition Policy  
1969 (EC22-1269, \$3.25)

Performance and Potential: Mid-1950's to Mid-1970's  
1970 (EC21-1/1970-1, \$1.50)

Performance in Perspective  
1971 (EC21-1/1971-1, \$1.50)

Report on Intellectual and Industrial Property  
1971 (EC22-1370, \$3.25)

Toward More Stable Growth in Construction  
1974 (EC22-2174), \$4.50)

Looking Outward, A New Trade Strategy for Canada  
1975 (EC22-27/1975, \$5.00)

- No longer available.

People and Jobs, A Study of the Canadian Labour Market  
1976 (EC22-42/1976, \$6.00 in Canada, \$7.20 other countries)

Efficiency and Regulation, A Study of Deposit Institutions  
1976 (EC22-47/1976, \$5.00 in Canada, \$6.00 other countries)

Living Together, A Study of Regional Disparities  
1977 (EC22-54/1977, \$5.50 in Canada, \$6.60 other countries)

#### Staff Studies\*

1. Population and Labour Force Projections to 1970  
Frank T. Denton, Yoshiko Kasahara, and Sylvia Ostry, 1965  
(EC22-1/1, \$0.75)
2. Potential Output, 1946 to 1970  
B. J. Drabble, 1965 (EC22-1/2, \$1.00)
- 3. An Analysis of Post-War Unemployment  
Frank T. Denton and Sylvia Ostry, 1965 (EC22-1/3, \$0.75)
4. Housing Demand to 1970  
Wolfgang M. Illing, 1965 (EC22-1/4, \$0.75)
5. Business Investment to 1970  
Derek A. White, 1965 (EC22-1/5, \$1.00)
6. Special Survey of Longer Range Investment Outlook and  
Planning in Business  
B. A. Keys, 1965 (EC22-1/6, \$0.25)
7. Canada and World Trade  
M. G. Clark, 1965 (EC22-1/7, \$0.50)
- 8. Export Projections to 1970  
J. R. Downs, 1965 (EC22-1/8, \$0.75)
9. Federal Tax Revenues at Potential Output, 1960 and 1970  
D. J. Daly, 1965 (EC22-1/9, \$0.50)

\*This series has been discontinued. Staff studies are listed  
henceforth under the heading "Research Studies".

•No longer available.

10. National Saving at Potential Output to 1970  
Frank Wildgen, 1965 (EC22-1/10, \$0.50)
  - 11. Changes in Agriculture to 1970  
John Dawson, 1965 (EC22-1/11, \$0.50)
  12. The Contribution of Education to Economic Growth  
Gordon W. Bertram, 1966 (EC22-1/12, \$1.90)
  13. Internal Migration in Canada, 1921-1961  
Isabel B. Anderson, 1966 (EC22-1/13, \$1.60)
  - 14. Interregional Disparities in Income  
S. E. Chernick, 1966 (EC22-1/14, \$1.40)
  - 15. An Analysis of Interregional Differences in Manpower  
Utilization and Earnings  
Frank T. Denton, 1966 (EC22-1/15, \$1.00)
  - 17. Business Cycles in Canada  
Derek A. White, 1967 (EC22-1/17, \$2.25)
  18. Manpower Planning in Industry: A Case Study  
B. A. Keys and H. H. Wright, 1966 (EC22-1/18, \$1.00)
  19. Population, Family, Household and Labour Force Growth to  
1980  
Wolfgang M. Illing, Yoshiko Kasahara, Frank T. Denton, and  
M. V. George, 1967 (EC22-1/19, \$1.25)
  20. Enrolment in Schools and Universities, 1951-52 to 1975-76  
Wolfgang M. Illing and Zoltan E. Zsigmond, 1967 (EC22-1/20,  
\$1.25)
  21. Scale and Specialization in Canadian Manufacturing  
D. J. Daly, B. A. Keys, and E. J. Spence, 1968 (EC22-1/21,  
\$1.75)
  22. Medium-Term Business Investment Outlook: 1967 Survey  
B. A. Keys, 1967 (EC22-1/22, \$0.35)
  23. Canadian Income Levels and Growth: An International  
Perspective  
Dorothy Walters, 1968 (EC22-1/23, \$2.25)
  24. Canadian Agricultural Productivity  
L. Auer, 1970 (EC-22-1/24, \$1.50)
- No longer available.

25. Enrolment in Educational Institutions, by Province, 1951-52 to 1980-81  
Z. E. Zsigmond and C. J. Wenaas, 1970 (EC22-1/25, \$3.00)
26. Personal Consumer Expenditures in Canada, 1926-75: Part 1  
Thomas T. Schweitzer, 1970 (EC22-1/26-1, \$1.50)  
  
Personal Consumer Expenditures in Canada, 1926-75: Part 2  
Thomas T. Schweitzer, 1971 (EC22-1/26-2, \$1.50)  
  
Personal Consumer Expenditures in Canada, 1926-75: Part 3  
Thomas T. Schweitzer, 1971 (EC22-1/26-3, \$1.50)
27. Some Economic Aspects of Provincial Educational Systems  
J. Cousin, J. P. Fortin, and C. J. Wenaas, 1971 (EC22-1/27, \$2.00)
28. Canadian Growth Revisited, 1950-1967  
Dorothy Walters, 1970 (EC22-1/28, \$1.50)
30. Productivity Change in Canadian Mining Industries  
John Dawson, 1971 (EC22-1/30, \$1.50)
31. An Analysis of Canadian Manufacturing Productivity: Some Preliminary Results  
Harry H. Postner, 1971 (EC22-1/31, \$2.50)
32. Canada-United States Price and Productivity Differences in Manufacturing Industries, 1963  
E. C. West, 1971 (EC22-1/32, \$1.50)

#### Special Studies\*

- 1. Immigration and Emigration of Professional and Skilled Manpower during the Post-War Period  
Louis Parai, 1965 (EC22-2/1, \$1.50)
- 2. A Survey of Labour Market Conditions, Windsor, Ontario, 1964: A Case Study  
G. R. Horne, W. J. Gillen, and R. A. Helling, 1965 (EC22-2/2, \$0.50)

\*This series has been discontinued. Special studies are listed henceforth under the heading "Research Studies".

●No longer available.

3.     **Perspective on Canada's International Payments**  
David W. Slater, 1966 (EC22-2/3, \$1.60)
4.     **Incomes Policies - Some Foreign Experiences and Their Relevance for Canada**  
David C. Smith, 1966 (EC22-2/4, \$1.75)
5.     **Price Stability and High Employment - The Options for Canadian Economic Policy: An Econometric Study**  
R. G. Bodkin, E. P. Bond, G. L. Reuber, and T. R. Robinson, 1967 (EC22-2/5, \$3.25)
6.     **Canadian Labour Relations in an Era of Technological Change**  
Jean-Réal Cardin, 1967 (EC22-2/6, \$1.25)
7.     **Canadian Policies for Rural Adjustment: A Study of the Economic Impact of ARDA, PFRA, and MMRA**  
Helen Buckley and Eva Tihanyi, 1967 (EC22-2/7, \$2.25)
8.     **Science, Technology and Innovation**  
Andrew H. Wilson, 1968 (EC22-2/8, \$1.50)
9.     **Effective Protection in the Canadian Economy**  
James R. Melvin and Bruce W. Wilkinson, 1968 (EC22-2/9, \$1.00)
10.    **The Take-Over of Canadian Firms, 1945-61**  
Grant L. Reuber and Frank Roseman, 1969 (EC22-2/10, \$2.25)
11.    **Future Market Outlets for Canadian Wheat and Other Grains**  
S. C. Hudson, 1970 (EC22-2/11, \$3.00)
12.    **Interregional Competition in Canadian Cereal Production**  
W. J. Craddock, 1970 (EC22-2/12, \$3.00)
13.    **Canadian Hospital Costs and Efficiency**  
R. D. Fraser, 1971 (EC22-2/13, \$2.00)
- 14.   **Expenditures, Output and Productivity in Canadian University Education**  
Walter Hettich, 1971 (EC22-2/14, \$1.50)
15.    **Search Behaviour in Canadian Job Markets**  
Dennis R. Maki, 1972 (EC22-2/15, \$1.50)

•No longer available.

16.     Mobility Behaviour in the Canadian Labour Force  
John Vanderkamp, 1973 (EC22-2/16, \$2.50)
17.     The Progress of Budgetary Reform in the Government of  
Canada  
Donald Gow, 1973 (EC22-2/17, \$1.25)
18.     New Approaches to Public Decision-Making  
Alice M. Rivlin, 1972 (EC22-2/18, \$1.25)
- 19.    Why Distribution Is Important: An Examination of Equity  
and Efficiency Criteria in Benefit-Cost Analysis  
Walter Hettich, 1971 (EC22-2/19, \$1.00)
22.     The Trade-Off between Inflation and Unemployment: Some  
Explorations of the Recent Evidence for Canada  
S. F. Kaliski, 1972 (EC22-2/22, \$1.50)
23.     Developing Policies for Public Security and Criminal  
Justice  
Robert Evans Jr., 1973 (EC22-2/23, \$1.50)

#### Miscellaneous Publications

A General Incentive Programme to Encourage Research and  
Development in Canadian Industry  
A Report to the Economic Council of Canada by the Advisory  
Committee on Industrial Research and Technology, 1966 (EC22-565,  
\$0.60)

A Declaration on Manpower Adjustments to Technological and Other  
Change  
1967 (EC22-866, \$0.75)

Towards Better Communications between Labour and Management  
1967 (EC22-967, \$0.25)

Medium-Term Capital Investment Survey - 1968  
B. A. Keys, D. S. Rothwell, and F. G. Thompson, 1969  
(EC21-2/1968, no charge)

Medium-Term Capital Investment Survey - 1969  
B. A. Keys, F. G. Thompson, and M. Heath, 1970 (EC21-2/1969, no  
charge)

Medium-Term Capital Investment Survey - 1970  
B. A. Keys, F. G. Thompson, and M. Heath, 1971 (EC21-2/1970, no  
charge)

- No longer available.

## Conference Papers and Reports

- Modern Management

G. G. Fisch, 1965 (EC22-4/1, \$0.50)

- Practical Application of Data Processing in Small and Medium Manufacturing Companies

H. S. Gellman and R. C. Carroll, 1965 (EC22-4/2, \$0.75)

A Practical Approach to Automatic Production

D. J. Clough, J. W. Abrams, and R.W.P. Anderson, 1965 (EC22-4/3, \$0.50)

Advances in Metal Working

J. Vande Vegte, 1965 (EC22-4/4, \$0.75)

Improving Material Movement through the Manufacturing Cycle

J. A. Brown and B. D. Beamish, 1965 (EC22-4/5, \$0.50)

- National Conference on Labour-Management Relations (1964)  
1965 (EC22-364, \$2.00)

The Economic Justification of New Equipment

C. G. Edge, 1966 (EC22-4/6, \$0.75)

New Technology in Materials and Processes

J. Vande Vegte, 1966 (EC22-4/7, \$0.70)

Conference on Stabilization Policies, Report of the Conference  
at University of Western Ontario, August 1965

1966 (EC22-665, \$3.00)

- Conference on International Trade and Canadian Agriculture,  
Banff, Alberta, January 1966  
1966 (EC22-766, \$3.00)

National Conference on Labour-Management Relations (1967)

1967 (EC22-367, \$2.00)

Conference on Government Information Systems, Ottawa, October 5  
and 6, 1967

1968 (EC22-1168, \$1.50)

The Outlook from 1973, Report of the 1973 National Economic  
Conference

1974 (EC21-4/1973-1, \$1.75)

- No longer available.

Papers of the 1973 National Economic Conference  
1974 (EC21-4/1973-2, \$2.50)

Papers for the 1974 National Economic Conference  
(16 industry committee reports and 6 other papers, no charge)

Priorities in Transition, Proceedings of the 1974 National  
Economic Conference  
1975 (EC21-4/1974, \$2.00)

Proceedings, Conference on Industrial Adaptation, June 1977, and  
related papers  
1978 (EC22-57/1978, no charge)

#### CANDIDE Project Papers

1. An Overview of CANDIDE Model 1.0  
M. C. McCracken, 1973 (EC22-19-1-0, \$3.50)
2. CANDIDE Model 1.0: Savings and Consumption  
Thomas T. Schweitzer and Tom Siedule, 1973 (EC22-19/2,  
\$1.50)
3. CANDIDE Model 1.0: Residential Construction  
H.E.L. Waslander, 1973 (EC22-19/3, \$1.00)
4. CANDIDE Model 1.0: Inventories  
C. Dewaleyne, 1973 (EC22-19/4, \$1.00)
5. CANDIDE Model 1.0: Business Fixed Investment  
Derek A. White, 1974 (EC22-19/5, \$2.25)
6. CANDIDE Model 1.0: Government Final Demand Expenditures  
Gilles Proulx and Thomas T. Schweitzer, 1974 (EC22-19/6,  
\$1.75)
7. CANDIDE Model 1.0: Foreign Trade  
J. R. Downs (with Bobbi Cain), 1973 (EC22-19/7, \$1.75)
8. CANDIDE Model 1.0: Industry Output Determination  
L. Auer and D. Vallet, 1975 (EC22-19/8, \$2.50)
9. CANDIDE Model 1.0: Labour Supply and Demographic Variables  
Wolfgang M. Illing, 1973 (EC22-19/9, \$1.50)
10. CANDIDE Model 1.0: Labour Demand  
Wolfgang M. Illing, 1973 (EC22-19/10, \$1.75)
11. CANDIDE Model 1.0: Industry Wages and Industry Prices  
Wolfgang M. Illing and C. Dewaleyne, 1973 (EC22-19/11,  
\$1.75)

12. CANDIDE Model 1.0: Final Demand Deflators  
L. Auer and D. Vallet, 1975 (EC22-19/12, \$3.00)
13. CANDIDE Model 1.0: Sector Incomes and Government Revenues  
H.E.L. Waslander, 1974 (EC22-19/13, \$1.75)
14. CANDIDE Model 1.0: Monetary Sector  
J. F. McCollum and Tom Siedule, 1974 (EC22-19/14, \$1.00)
15. CANDIDE Model 1.0: Capital Movements and Exchange Rates  
J. F. McCollum, 1974 (EC22-19/15, \$1.75)
16. Aggregate Identities and Other Functions Employed in  
CANDIDE Model 1.0  
H.E.L. Waslander, 1974 (EC22-19/16, \$1.75)
17. The Tracking Properties of CANDIDE Model 1.0 over the  
Sample Period 1955-68  
Ronald G. Bodkin, K.S.R. Murthy and Tom Siedule, 1975  
(EC22-19/17, \$1.75)
18. CANDIDE Model 1.1: Vol. 1  
Ronald G. Bodkin and Stephen M. Tanny (ed.), 1975  
(EC22-19/18-1, \$5.00 in Canada, \$6.00 other countries) and  
Vol. 2  
1975 (EC22-19/18-2, \$5.00 in Canada, \$6.00 other countries)

#### Research Studies

##### Meeting Managerial Manpower Needs

B. A. Keys, F. G. Thompson, and M. Heath, 1971 (EC22-1671, \$1.25)

##### •Economic Consultative Bodies: Their Origins and Institutional Characteristics

Paul Malles, 1971 (EC22-1470, \$3.00)

##### Business Education and Faculty at Canadian Universities

Max von Zur-Muehlen, 1971 (EC22-1571, \$3.25)

##### Standards in Canada

Robert F. Legget, 1971 (SS31-271, \$3.25)

##### •Canadian Higher Education in the Seventies

Sylvia Ostry (ed.), 1972 (EC22-1772, \$3.50)

##### •No longer available.

The Economy to 1980: Staff Papers  
1972 (EC21-1/1972-1, \$3.50)

The Pattern of Taxation in Canada  
Allan M. Maslove, 1973 (EC22-1873, \$2.50)

A Conceptual Basis for an Industrial Strategy  
Albert Breton, 1974 (EC22-2074, \$1.50)

Social Indicators: A Rationale and Research Framework  
D. W. Henderson, 1974 (EC22-2274, \$2.75)

Diversification, Foreign Investment, and Scale in North American  
Manufacturing Industries  
Richard E. Caves, 1975 (EC22-23/1975, \$2.50)

Canada's Trade Options  
R. J. Wonnacott, 1975 (EC22-24/1975, \$4.75)

Employment Insecurity and Industrial Relations in the Canadian  
Construction Industry  
Paul Malles, 1975 (EC22-26/1975, \$3.00 in Canada, \$3.60 other  
countries)

Canada-United States Free Trade and Canadian Independence  
Peyton V. Lyon, 1975 (EC22-25/1975, \$1.25 in Canada, \$1.50 other  
countries)

The Structure and Operation of the Construction Industry in  
Canada  
B. A. Keys and D. M. Caskie, 1975 (EC22-28/1975, \$2.75 in  
Canada, \$3.30 other countries)

Production, Location and the Automotive Agreement  
David L. Emerson, 1975 (EC22-34/1975, \$2.75 in Canada, \$3.30  
other countries)

Governments and Construction Instability  
N. M. Swan, 1976 (EC22-33/1975, \$3.00 in Canada, \$3.60 other  
countries)

Effective Protection and the Return to Capital  
B. W. Wilkinson and K. Norrie, 1976 (EC22-29/1975, \$3.00 in  
Canada, \$3.60 other countries)

Construction Instability in Canada  
Ludwig Auer, 1976 (EC22-31/1975, \$2.75 in Canada, \$3.30 other  
countries)

#### Manpower in Construction

R. A. Jenness, 1976 (EC22-36/1975, \$2.75 in Canada, \$3.30 other countries)

#### Factor Content of Canadian International Trade: An Input-Output Analysis

Harry H. Postner, 1976 (EC22-32/1975, \$3.75 in Canada, \$4.50 other countries)

#### The Tax Structure and Canadian Trade

J. R. Melvin, 1976 (EC22-37/1975, \$4.00 in Canada, \$4.80 other countries)

#### Regional Aspects of the Evolution of Canadian Employment

Fernand Martin, 1976 (EC22-39/1975, \$3.00 in Canada, \$3.60 other countries)

#### Canadian Policy Toward Trade in Crude Oil and Natural Gas

T. L. Powrie and W. D. Gainer, 1976 (EC22-35/1975, \$2.75 in Canada, \$3.30 other countries)

#### Unemployment in Canada: The Impact of Unemployment Insurance

C. Green and J.-M. Cousineau, 1976 (EC22-38/1975, \$5.00 in Canada, \$6.00 other countries)

#### Income Maintenance Programs: Their Effect on Labour Supply and Aggregate Demand in the Maritimes

N. Swan, P. MacRae, and C. Steinberg, 1976 (EC22-41/1976, \$3.00 in Canada, \$3.60 other countries)

#### Economic Impact of Selected Government Programs Directed Toward the Labour Market

P. A. Cook, G. V. Jump, C. D. Hodgins and C. J. Szabo, 1976 (EC22-43/1976, \$3.00 in Canada, \$3.60 other countries)

#### An Econometric Analysis of the Canada-United States Automotive Agreement

David A. Wilton, 1976 (EC22-40/1976, \$3.00 in Canada, \$3.60 other countries)

#### Cyclical Instability in Residential Construction in Canada

Joseph H. Chung, 1976 (EC22-30/1975, \$4.25 in Canada, \$5.10 other countries)

#### Peer Group Effects and Educational Production Functions

Vernon Henderson, Peter Mieszkowski and Yvon Sauvageau, 1976, (EC22-45/1976, \$3.00 in Canada, \$3.60 other countries)

Canadian Labour Standards in Law, Agreement, and Practice  
Paul Malles, 1976 (EC22-44/1976, \$3.25 in Canada, \$3.90 other countries)

The Economic Causes and Effects of Migration: Canada, 1965-71  
E. Kenneth Grant and John Vanderkamp, 1977 (EC22-48/1976, \$4.00 in Canada, \$4.80 other countries)

The Short-Run Dynamics of the Canadian Labour Market  
Frank T. Denton, Christine H. Feaver and A. Leslie Robb, 1977 (EC22-46/1976, \$3.25 in Canada, \$3.90 other countries)

The Euro-Currency Markets and the International Activities of Canadian Banks  
E. Wayne Clendenning, 1977 (EC22-49/1977, \$4.00 in Canada, \$4.80 other countries)

The Impact of Economy-Wide Changes on the Labour Force: An Econometric Analysis  
Tom Siedule, Nicholas Skoulas and Keith Newton, 1977 (EC22-50/1977, \$3.00 in Canada, \$3.60 other countries)

Deposit-Taking Institutions: Innovation and the Process of Change  
H. H. Binhammer and Jane Williams, 1977 (EC22-51/1977, \$4.50 in Canada, \$5.40 other countries)

The Determination of Wage-Change Relationships  
J.C.R. Rowley and D. A. Wilton, 1977 (EC22-53/1977, \$4.00 in Canada, \$4.80 other countries)

Labour Relations in the Quebec Construction Industry  
Part I - The System of Labour Relations  
Gérard Hébert, 1977 (EC22-52/1977-1, \$5.00 in Canada, \$6.00 other countries)

Wage Determination in Major Collective Agreements in the Private and Public Sectors  
Jean-Michel Cousineau and Robert Lacroix, 1978 (EC22-55/1977, \$4.00 in Canada, \$6.00 other countries)

The Impact of Free Trade in Canada  
Roma Dauphin, 1978 (EC22-56/1978, \$4.50 in Canada, \$5.40 other countries)

Inflation: Its Financial Impact on Business in Canada  
Glenn P. Jenkins, 1978 (EC22-58/1978, \$3.75 in Canada, \$4.50 other countries)

At press.

{ Labour Relations in the Quebec Construction Industry

Part II - Construction Workers in Quebec

Part III - Employment Security Programs

Gérard Hébert, 1978 (EC22-52/1977-2, \$5.00 in Canada, \$6.00  
other countries)

{At press.













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*James B. ...*

# Economic Council of Canada

Annual Report

year ending March 31, 1979



# **Economic Council of Canada**

## **Annual Report**

year ending March 31, 1979

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Ottawa, 1979

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         Economic Council of Canada

         Role, Composition and External Relationships



June 30, 1979

The Right Honourable  
JOE CLARK, P.C., M.P.,  
Prime Minister of Canada,  
Parliament Buildings,  
Ottawa, Canada.

Sir:

I have the honour to transmit the annual statement relating to the activities of the Economic Council of Canada for the fiscal year ending March 31, 1979, as required by the Economic Council of Canada Act.

Yours sincerely,

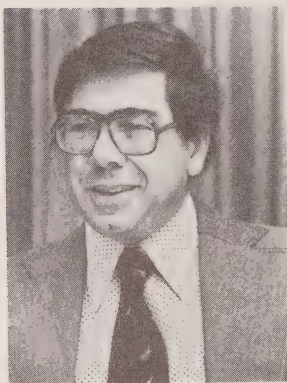
SYLVIA OSTRY  
Chairman



Sylvia Ostry  
Chairman



Robert Lévesque  
Director



David Slater  
Director

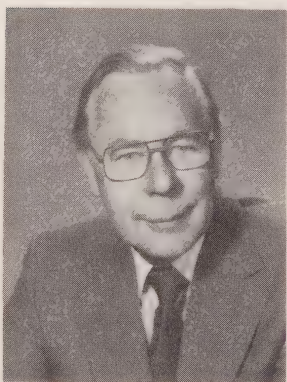




Harry W. Arthurs  
Professor  
Osgoode Hall Law School  
York University  
Downsview, Ontario

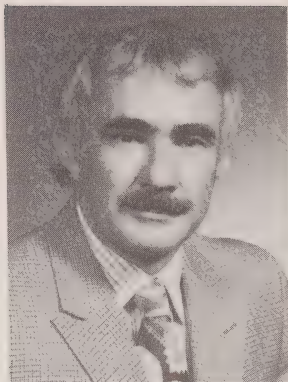


Ian A. Barclay  
Chairman of the Board  
British Columbia Forest Products Limited  
Vancouver, British Columbia



David Blair  
Vice-President  
Atlantic Region  
Canadian National  
Moncton, New Brunswick

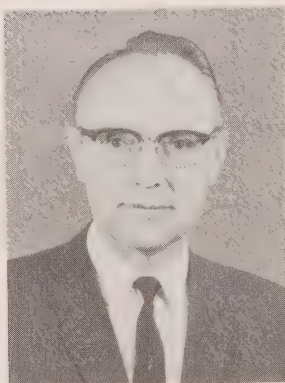
S. Robert Blair  
President and Chief Executive Officer  
The Alberta Gas Trunk Line Company Limited  
Calgary, Alberta



Norman A. Bromberger  
General Manager and Chief Executive Officer  
Saskatchewan Co-operative Credit Society  
Regina, Saskatchewan



J. A. Brown  
Dean of Agriculture  
University of Saskatchewan  
Saskatoon, Saskatchewan

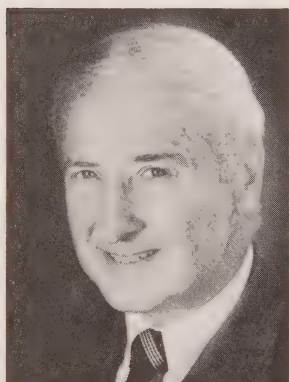




Robert B. Bryce  
Retired Public Servant  
Ottawa, Ontario

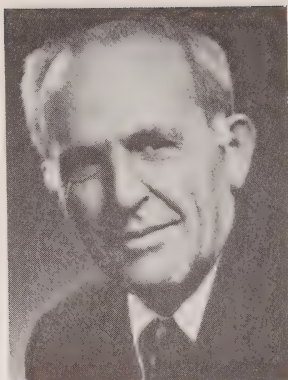


Charles J. Connaghan  
Vice-President  
Administrative Services  
University of British Columbia  
Vancouver, British Columbia



William A. Dimma  
President  
A.E. Lepage Limited  
Toronto, Ontario

Gérard Dion  
Professor  
Department of Industrial Relations  
Université Laval  
Quebec, Quebec

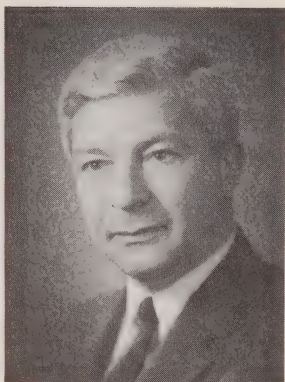


Mildred S. Dobrin  
Vice-President and General Manager  
Miracle Mart  
Ville St-Laurent, Quebec

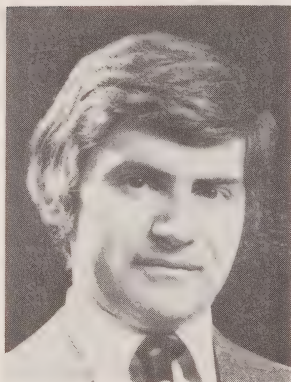


Nicolle Forget  
Student, Faculty of Law  
Université de Montréal  
Montreal, Quebec





Kalmen Kaplansky  
Director  
Canadian Branch Office  
International Labour Office  
Ottawa, Ontario



Pierre Laurin  
Director  
École des Hautes Études Commerciales  
Montreal, Quebec



H. Ian MacDonald  
President  
York University  
Downsview, Ontario

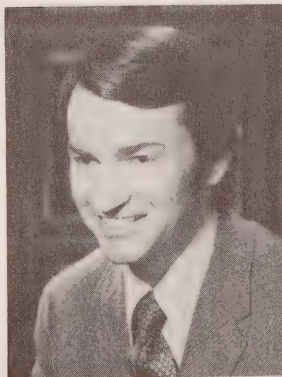
James A. McCambly  
Executive Secretary  
Building and Construction Trades Department  
Ottawa, Ontario

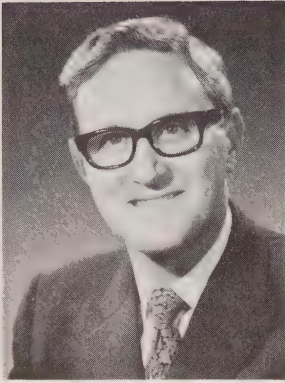


Hon. H. A. Olson, P.C.  
Senator, Rancher  
Iddesleigh, Alberta



Peter H. Pearce  
Professor  
Department of Economics  
University of British Columbia  
Vancouver, British Columbia

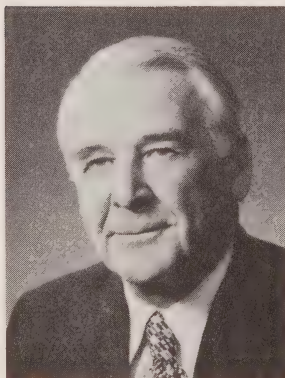




Raymond Primeau  
Professor  
École Polytechnique  
Université de Montréal  
Montreal, Quebec

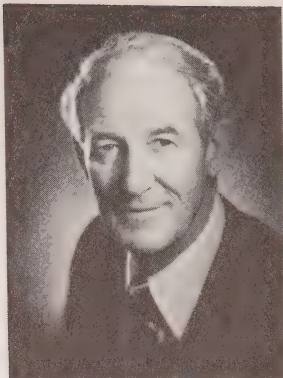


Henry B. Rhude, Q.C.  
Chairman and Chief Executive Officer  
Central and Eastern Trust Company  
Halifax, Nova Scotia



A. M. Runciman  
President  
United Grain Growers Limited  
Winnipeg, Manitoba

J. Hugh Stevens  
Chairman and Chief Executive  
Canada Wire and Cable Company Limited  
Toronto, Ontario



Ralph G. M. Sultan  
Vice-President and Chief Economist  
The Royal Bank of Canada  
Montreal, Quebec



William Haviland  
Council Secretary

## **Change in Full-Time Membership**

During the year ending March 31, 1979, the following new member was appointed:

Robert J. Lévesque

Director  
Economic Council  
of Canada

## HIGHLIGHTS

In July 1978, the Economic Council of Canada completed its 15th year. During those years, hundreds of studies were undertaken and published and dozens of conferences, on a variety of major issues, were organized, as evidenced by the cumulative list of publications at the end of this *Report*. Since its inception in 1963, the Council has exercised considerable influence, directly or indirectly, on public policy. This influence was due both to the quality of the research and the consensus nature of the Council, involving a membership having strong regional roots. While it is difficult to link particular Council publications or recommendations directly to public policies adopted through a complex, lengthy, democratic process, two prominent decisions of the federal government can be attributed to the Council — the formation of the departments of Manpower, and Consumer and Corporate Affairs. Two areas of work, where the Council noticeably influenced the public debate during the 1960s, were its education and poverty studies. In the 1960s, and again more recently, the Council has provided new insights into regional disparities across Canada. In short, over its first 15 years, the Economic Council of Canada left its mark on public thinking and policy.

Various initiatives were taken during the year under review to re-examine the role of the Council, to increase the participation of Council members in its program of work and to improve external relations. These efforts are outlined here, while the research initiatives are described in some detail in the following section of this *Report*. In 1978, the Council began to take another look at the key public concerns of inflation, productivity, economic growth, regional problems and government regulation. The "Program of Work" section is commended to the attention of readers interested in following the mainstream of Council activities.

A report to the Prime Minister on the *Role, Composition and External Relationships* of the Council was made by the Chairman. The report was released by the Prime Minister in January 1979, and it is reproduced in the Appendix.

Five Advisory Committees of the Council were set up during the year: Research and Annual Reviews; CSIP (Centre for the Study of Inflation and Productivity); the Newfoundland Reference; the Regulation Reference; and Communications and External Relations. The purpose of the last Committee is to improve the Council's efforts at communicating more widely its findings and to extend and strengthen the Council's external relations. In the case of the Regulation Reference Advisory Committee, representatives from the business community as well as academics and others are invited to participate as "ad hoc" members.

In the weeks following the October release of the *Fifteenth Annual Review*, meetings were held between full-time Council members and most of the provincial governments in order to discuss the work of the Council and more particularly as a means of gaining from the provinces insights into the areas of research they felt to be of particular importance and relevance. In November, in association with the Institute of Intergovernmental Relations at Queen's University, the Council organized a workshop on "The Political Economy of Confederation," for the purpose of discussing a series of research papers prepared for the two institutions.

During the year under review, the Council added several more publications to its lengthening list. These are included in the complete list of Council publications at the end of this *Report*. Two consensus reports of the Council were released; the *Fifteenth Annual Review* entitled "A Time for Reason," and *For a Common Future - A Study of Canada's Relations with Developing Countries*.

The *Fifteenth Annual Review* continued the examination of the economy's performance and prospects and also contained an analysis of issues associated with the changing structure of the economy. Fiscal stimulus was recommended.

*For a Common Future* examined the gaps between the developed and developing worlds and considered long-term perspectives. The report made recommendations on trade, aid and immigration.

Six Council meetings were held during the year ending March 31, 1979. The meetings took place during April, May, June and September 1978, and January and March 1979, all in Ottawa.

Commencing in 1978, the Economic Council became subject to the federal government's policy guidelines for Official Languages. As a consequence, the Council prepared a first Official Languages Plan which was approved by the Treasury Board and made available to the public in November.

This *Annual Report* contains, at the beginning, photographs of most of its members during the past fiscal year. A change in full-time Council membership during the year is noted.

The special activities of full-time members of Council and staff are listed in a separate section.

The Statement of Expenditure of the Economic Council for the year ending March 31, 1979, audited by the Auditor General of Canada, is shown near the end of this *Report*. For comparison, the Statement of Expenditure of the previous year also is shown.

## THE PROGRAM OF WORK AND STAFF INVOLVED

The program of work at the Economic Council of Canada consists of research and support services including administration. The research program encompasses continuing commitments of the Council in certain areas, as well as undertakings scheduled to terminate with the publication of a Council report or a series of studies.

As shown in this section of the *Annual Report*, the research program is organized around a number of project areas. Although necessarily limited in number at any time, these project areas change and evolve to provide new information and analysis in support of the policy-oriented reports of the Council.

For each of the research project areas, there is a research group, co-ordinated by a project director. For each project group, there is a core of a few professionals. These core groups may be strengthened during the period of intensive effort by additional personnel, some of whom work on a contractual basis at the Council and others of whom are more in the nature of external consultants.

The professional staff consists mainly of people with advanced training in economics, and their composition of expertise reflects the varied nature of the Council's work. Some of the professional staff have had considerable experience in university work; others, in government service and industry. The research personnel involved during the year ending March 31, 1979, are shown below by project group. Some full-time staff members contributed to more than one project group during the course of the year. The personnel listed as consultants were contractual, and were involved for varying amounts of time during the year.

In addition to the research staff, the Council maintains a strong centralized group, the members of which are involved in various support functions.

## Fifteenth Annual Review

The Annual Review is the vehicle by which the Economic Council carries out its mandate “regularly to assess, on a systematic and comprehensive basis, the medium-term and long-term prospects of the economy, and to compare such prospects with the potentialities of growth of the economy.”

The three most recent Annual Reviews were prepared by the Performance Research Group. The *Fifteenth Annual Review*, published in the autumn of 1978, continued the examination of the economy's performance and prospects but also contained an analysis of issues associated with the changing structure of the Canadian economy. In particular it examined productivity and employment developments and prospects in the primary, secondary and services sectors of the economy.

Early in 1979 the Performance Group *per se* was dissolved so that its researchers could undertake other research activities within the Council. A new group was formed to take responsibility for the Sixteenth Annual Review (see below), and another group will undertake the Seventeenth Annual Review. This “double tiering” represents a return to the earlier method of overlapping Review-related projects in order to provide longer lead time for the research.

### Personnel

Director — R. A. Jenness (M. A. Queen's)

#### Full-time Professional Staff

L. Buchanan\* (B.A. Queen's)  
R. Hirshhorn\* (M.A. Toronto)  
J. Fortin (M.A. Montreal)  
D. MacMillan\* (B.A. Carleton)  
S. Magun\* (M.A. Vanderbilt)  
M. Simoneau\* (L.Sc.Com H.E.C.)  
L. Wesa\* (B.A. Lakehead)

#### Consultants

J. R. Downs  
Downs Reccon Ltd.  
D. Nelles  
Toronto  
A. Donner & R. Lazar  
Toronto

\*For part of the year.

## Sixteenth Annual Review

The *Sixteenth Annual Review*, to be published in the autumn of 1979, will contain an assessment of the medium-term performance and prospects of the

Canadian economy in relation to its potential. The main feature is to be an analysis of saving and investment, focusing on the effects of inflation and taxation on economic behaviour. The *Sixteenth Annual Review* will be a relatively brief document; related research material will be published at the same time or shortly after publication of the *Review*.

#### Personnel\*

Director — H. Bert Waslander (Doctorandus, Tilburg)

##### Full-time Professional Staff

G. Fortin (M.A. Laval)  
W. Hurst (B.A. Alberta)  
B. Rosenfeld (Ph.D. Pennsylvania)  
A. Tarasofsky (Ph.D. McGill)  
L. Wesa (B.A. Lakehead)

##### Consultants

Institute for Policy Analysis  
University of Toronto  
J.-P. LeGoff  
École des Hautes Études Commerciales  
W. Lawlor  
Ernst and Ernst

\*All staff for part of the year.

### CANDIDE Project

The CANDIDE Group is responsible for macro-econometric model development including maintenance and updating of the large-scale econometric model CANDIDE. The CANDIDE Project was initiated in 1969-70 as an inter-departmental venture under the Economic Council's auspices. The modelling effort which initially brought into use CANDIDE Model 1.0 has continued to the present time, providing subsequent revisions including Model 1.1, Model 1.2, and Model 1.2M.

Using CANDIDE Model 1.2M, the Group prepared the projections published in the *Fifteenth Annual Review*. Members of the Group acted as advisors on the use of Model 1.2M to the Council's Regional Studies-Confederation Group and to the federal Department of Energy, Mines, and Resources and the National Energy Board.

The CANDIDE Group currently has several other related efforts under way. The new version of CANDIDE (Model 2.0) has been estimated and tested within the sample period. Currently, tests are being run to determine properties both inside and outside the sample period. Development of CANDIDE 2.0 began in June 1977. The first prototype model was up and running in August

1978. Additional improvements to the structure of Model 2.0, which were indicated as a result of dynamic test runs in the fall of 1978, were implemented during the winter of 1978. New methods have been developed to determine Model 2.0's tracking performance outside the sample period prior to the use of the model in policy scenario development.

CANDIDE 2.0 has already been used by the Retirement Income Project to assess the initial impact of the Canada and Quebec Pension Plans during the start-up years in the late 1960s. CANDIDE has also been used to assess the impact of varying pension contribution rates and pension benefit rates during the period 1979 through 1985.

CANDIDE 2.0 will be used to assess the performance of the Canadian economy during the period 1979 through 1985. These results will be reported in the *Sixteenth Annual Review*. A variety of research studies are under way which make use of CANDIDE 2.0., including:

1. The Impact of Investment Incentives on Economic Growth;
2. Income Security Programs: Their Impact on Economic Growth and Savings;
3. Long-Term Energy Simulations to the Year 2000;
4. The Impact of Demography Changes on Economic Growth in Canada;
5. The Relative Impact of Wage-Price Controls and Indexation on Economic Growth and Price Stability;
6. Price Formation in an Open Economy and the Relative Efficiency of Fiscal and Monetary Measures for Stabilization Purposes;
7. The Impact of Foreign Prices and Interest Rates on the Canadian Economy under Alternative Monetary Exchange Rate Policies;
8. Indirect Taxes and the Distribution of Debt Burden and Economic Growth;
9. The Financing of Government Expenditures with Special Reference to Direct and Indirect Taxation and Intergovernmental Transfers; and
10. Towards the Optimal Use of the Personal and Corporate Income Tax System and Indexing in Influencing Canada's Economic Performance.

**Personnel**

Director — R. S. Preston (Ph.D. Pennsylvania)

Full-time Professional Staff

C. Braithwaite (Ph.D. Queen's)  
B. Cain (Carleton)  
B. Eyford (B.Sc. British Columbia)  
B. Lodh (Ph.D. Rotterdam)  
T. Schweitzer (Ph.D. Budapest )  
S. Rao (Ph.D. Queen's)  
D. Whillans (M.A. Carleton)  
H. Saiyed (B.Mgt.Sc. Hons. Ottawa)  
M. Willis (B. Com. Ottawa)  
J. Ramin\* (B.Sc. British Columbia)

Consultants

Informetrica Ltd.  
Ottawa  
WEFA  
Philadelphia  
Institute for Policy Analysis  
University of Toronto

\*For part of the year.

**Financial Markets — Retirement Income Study**

The Retirement Income study evolved from the Council's financial markets program. The second phase of that work had originally been intended to focus on government participation in financial markets through such channels as the Canada and Quebec Pension Plans and various government lending programs. However, preliminary research and discussion suggested that there was a great deal to be said for concentrating resources on the study of pension plans and, more generally, on the maintenance of retirement income. Since a number of other organizations are looking at various aspects of this subject, it was also decided that the major focus of the Council's study would be on the long-term impact of retirement income policies on the Canadian economy.

A good deal of concern has been expressed about the potential burden of retirement income policies on the economy. Part of the problem in generating public understanding of the issues is that demographic changes and retirement income policies may affect both the demand of the older population for goods and services during their period of retirement and the economy's capabilities for supplying those goods and services. The Council's study examines both sides of the issue within a comprehensive economic framework.

The study will begin with an analysis of the impact of the changing age composition of Canada's population on the retirement income system and particularly on the cost of providing various levels of retirement income under differing possible future population growth scenarios. It will examine alternative methods of funding public pension plans and how income may be redistributed by these plans under various assumptions about contributions and benefits. It will also look at the impact of public and private plans on the level and allocation (via financial markets) of savings and on work incentives. Finally, it will try to draw all this work together in a discussion of the aggregative impact of retirement income policies on the economy in the years ahead with a view to contributing to public discussion on such matters as the appropriate mix of public and private pension plans, and the effects of various funding and investment arrangements.

This study should be of interest not only to government and private groups who are operating retirement income plans but to a broad spectrum of the public. Indeed, the group most likely to be affected by the matters it will discuss are those who will reach retirement age in the second decade or so of the coming century.

The study is in the final stages and a report should be released before the end of 1979.

#### **Personnel**

Director — P. M. Cornell (Ph.D. Harvard)

#### Full-time Professional Staff

H. Bartel (Ph.D. Indiana)

M. J. Daly (M.A. Essex)

C. Kapsalis (Ph.D. Rochester)

K. A. Patterson (M.A. York)

D. Wakid (M.A. Pittsburg)

P. Wrage (Ph.D. Indiana)

#### Consultants

Professor A. Asimakopulos  
McGill University

Professor J. B. Burbidge  
Quantec Research, Ltd.

Professor F. T. Denton  
Quantec Research, Ltd.

Professor J. E. Pesando  
University of Toronto

Professor S. Rea, Jr.  
University of Toronto

Professor A. L. Robb  
Quantec Research, Ltd.

Susan Fletcher  
Statistics Canada  
Professor Joel Fried  
University of Western Ontario  
Professor Peter Howitt  
University of Western Ontario  
Professor J. A. Johnson  
Quantec Research, Ltd.  
Professor M. Parkin  
University of Western Ontario

Professor B. G. Spencer  
Quantec Research, Ltd.  
Dr. L. Stone  
Statistics Canada  
Professor W. R. Waters  
University of Toronto  
Mr. H. Weitz  
Ottawa

### **Labour Markets and Socio-Economic Research (formerly Social Indicators)**

The principal purpose of this Group is to undertake a major program of research on the Canadian labour market and the various forces affecting the operation of this market. The outputs of this program will take the form of a Council report and will provide input into other Council documents. The work of the Group is intended to be relevant to the interests and policy concerns of a number of organizations in both the public and private sector, including departments and agencies of both the federal and provincial governments.

The major thrusts of the activities of the Group over the course of the past year have focused on three important concerns: labour markets, journey-to-work, and incomes and social security.

With respect to labour markets, work on the meaning of the unemployment rate, and the extent to which low incomes and unemployment are coincident, was prepared for the *Fifteenth Annual Review*; the material on low incomes and unemployment is further treated in a Discussion Paper, "Poverty and Government Income Support in Canada, 1971-1975: Characteristics of the Low Income Population." Estimates of labour hoarding in Canada have been made and appear in a Discussion Paper, "A Tentative Measure of Labour Hoarding, 1961-77", and a study on the determinants of labour turnover for certain Ontario industries has been completed. In addition, an overview and evaluation of minimum wages is nearing completion. A Discussion Paper on the effects of certain energy conservation programs on the demand for labour also appeared.

The journey-to-work project was completed during the year, and four additional Discussion Papers appeared. This project was concerned with the

patterns of job-location choice and residential-location choice in two major metropolitan areas in Canada, and with the factors influencing these choices and the resulting journey-to-work. This project provided material of relevance to the interests of municipal decision-makers.

With respect to the work on incomes and social security, material on the distribution of the costs and benefits of various social security programs and of the medical care and hospital insurance programs was included in the *Fifteenth Annual Review*. Work is nearly completed on an evaluation of the relative costs of an alternative unemployment insurance scheme. In addition, a study of the distribution of the costs and benefits of social security programs between regions, and across income groups within a particular region, is nearly finished. Results of research on interlinguistic earnings disparities between males in the Montreal labour market have appeared in a Discussion Paper, and the wrap-up study on this topic is virtually completed. A Discussion Paper on the factors underlying changes in the distribution of family income in Canada between 1965 and 1975 also appeared. Finally, estimations of the impact of the aging of the population on physician care and hospital costs were put out in Discussion Paper form.

The theme of future work in the labour market area is in the process of being developed with the aid of outside advice. For example, a number of labour market experts were invited to attend a one-day round table at the Council in January. At this session general content of the proposed work program was discussed. As a result of this and other discussions, it is anticipated that work will be done on job search, labour market measurement problems, participation rates, manpower policies and skill shortages, absenteeism, and the effects of social security programs on labour supply, among other topics.

The Group is also responsible for the organization of the Conference on Canadian Incomes in Winnipeg in May 1979. The purpose of this Conference is to evaluate the present state of incomes research in Canada and its policy relevance, and to determine those areas on which the greatest effort should be focused in the future. Papers from this Conference will be published by the Council later in the year.

#### **Personnel**

Director — D. W. Henderson (Ph.D. M.I.T)

##### Full-time Professional Staff

G. Betcherman (M.A. Carleton)

J.-A. Boulet (M.A. Montreal)

##### Consultants

Professor D. Maki

Simon Fraser University

J. E. Cloutier (M.B.A. Queen's)  
 S. K. Gera (M.A. McMaster)  
 M. A. Hasan\* (Ph.D. Queen's)  
 N. Leckie (B. Com. Carleton)  
 K. Newton (Ph.D. Simon Fraser)  
 D. M. Paproski (M.A. Alberta)  
 T. Siedule (M.A. Simon Fraser)  
 A.M.M. Smith\* (M.A. Carleton)

Professor E. G. West  
 Carleton University  
 M. McKee  
 Carleton University  
 Professor J.C.R. Rowley  
 McGill University  
 D. B. Brooks  
 Energy Probe

\*For part of the year.

## Technological Change, Productivity and Growth

The research group for this project was formed at the beginning of 1979. Its purpose is to undertake research into factors affecting the process of technological change, productivity and growth at the micro-economic level, i.e. at the level of the product, firm, and industry. The program is being designed to produce policy-relevant research which will improve our understanding of how new technology and new organizational forms in industry are developed and applied in the Canadian economy and the effect this process has on the productivity and competitiveness of Canadian firms and industries. To date, most of the efforts of the group have gone into the formulation of the research program and the design of specific research studies. The following four broad areas have been selected for intensive analysis:

1. Firm-Level Studies of the Process of Innovation and Diffusion in Selected Canadian Industries;
2. International Technology Transfer and the International Competitiveness of Canadian Industries;
3. Productivity and Technological Change in Canadian Service Industries; and
4. Inter-Industry Analyses of Factors Affecting the Competitiveness of Canadian Industry.

In recent years, policy-makers in Canada and abroad have been casting around for new economic policy tools under the general rubric of industrial policies and strategies. The range of policy tools under consideration for more active use or use at a more micro level in various countries include commercial policies, science policies, R & D policies, procurement policies, antitrust policies, foreign ownership policies, technology policies, micro-oriented fiscal policies, technology transfer policies, industrial relations policies, patent and trade mark policies, rationalization and specialization policies, "chosen instrument" policies, and policies to improve management, to encourage small business, etc.

Within the context of Canada's industrial policies, the research pursued under this project will attempt to isolate those strategic variables which the government can influence, and will focus on the role of the government in encouraging innovation, technological progress, productivity and growth of Canadian firms and industries. Such research should make a real contribution to the ongoing dialogue on Canadian industrial policies and strategies. Part of the research will be undertaken by the staff of the project and part will be contracted out to external researchers.

#### **Personnel\***

Director — D. P. DeMello (Ph.D. McGill)

#### Full-Time Professional Staff

K. McMullen (M.A. Carleton)

M. Simoneau (L.Sc.Com. H.E.C.)

R. Wills (Ph.D. University of Washington)

\*All for part of the year.

#### **Confederation and Regional Studies**

During the year, the Confederation Group completed its work with the holding of a Workshop, jointly with the Queen's Institute of Intergovernmental Relations, at Kingston in November. Some thirteen papers were given at the Workshop on Confederation, with Council contributions on topics such as "the economic costs and benefits of the Canadian federal customs union," the cost of government and the degree of decentralization of the federal public service in Canada," "western economic grievances," and "economic stabilization and

the regions.” The proceedings will be published, along with an introduction and the Council Chairman’s address opening the Workshop, in April 1979.

At the beginning of 1979, the Council commenced planning for a new research initiative in regional studies. A preliminary research outline was developed, and a symposium was held in January, at which international experts, and official representatives of provincial governments and certain federal government departments, were invited to give their views on what should be done by the Council. A detailed research program is being developed.

## Personnel

Director — (to February 1979) N. M. Swan (Ph.D. Pennsylvania)  
 — (from April 1979) D.O. Sewell (Ph.D. Duke)

CONFEDERATION (to November 1978)

### Full-time Professional Staff

L. Auer (Ph.D. Iowa State)  
 G. Barker\* (B.A. McGill)  
 M. Boisvert\* (Ph.D. Pennsylvania)  
 F. Chabot-Plante\* (B.Sc. Quebec)  
 G. A. Glynn\* (M.A. Alberta)  
 T. Hazledine (Ph.D. Warwick)  
 S. Kirby\* (M.A. Toronto)  
 M. Legault\* (M.Sc. Montreal)  
 B. MacDonald (M.A. Carleton)  
 K. McMullen\* (M.A. Carleton)  
 K. Mills\* (B.A. Queen’s)  
 A. Moroz (M.A. Carleton)  
 J. Ramin\* (B.Sc. British Columbia)

### Consultants

Dr. E. W. Clendenning  
 E. Wayne Clendenning Consulting  
 Professor R. Durocher  
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 Professor F. Martin  
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 Professor K. Norrie  
 University of Alberta  
 Professor Y. Rabreau  
 University of Montreal  
 Professor R. Simeon  
 Queen’s University  
 Professor A. Wood  
 University of Manitoba

\*For part of the year.

REGIONAL STUDIES (from December 1978)

L. Auer (Ph.D. Iowa State)  
 B. MacDonald (M.A. Carleton)  
 K. McMullen (M.A. Carleton)  
 K. Mills (B.A. Queen’s)  
 A. Moroz (M.A. Carleton)

## Newfoundland Reference

Early in 1978, the Council received a Reference from the Prime Minister of Canada to study problems related to the Newfoundland economy. The terms of reference are as follows:

"The study by the Economic Council of Canada, *Economic Development Problems and Opportunities in Newfoundland*, is intended to analyse alternative means of

- reducing the unemployment rate in Newfoundland,
- raising earned incomes in Newfoundland, especially through raising productivity and employment,
- reducing the dependency of Newfoundland on transfers, and
- assisting the Newfoundland government to plan its development strategy in the medium term.

In its analysis the Council should extend the line of enquiry which was pursued in the Council document: "Living Together: A Study of Regional Disparities," which assigns a prominent role to low productivity as one of the principal factors responsible for high unemployment and low economic performance. The study should be done in close consultation with both the Federal Department of Regional Economic Expansion and the Government of Newfoundland, and should give due consideration to the social and economic objectives of the Province."

Staffing for the reference was substantially completed by the end of the summer, and research is under way on a variety of topics related to it. A consensus report is expected in the summer of 1980.

### Personnel

Director — (to February 1979) N.M. Swan (Ph.D. Pennsylvania)  
— (from March 1979) L. Copithorne (Ph.D. Minnesota)

#### Full-time Professional Staff

##### Ottawa

M. Boake\* (M.A. Western)  
L. Copithorne (Ph.D. Minnesota)  
R. Cournoyer (M.A. McGill)

#### Consultants

Mr. M. Ash  
ESM-Energy Systems Management  
Associates  
Professor S. Ferris  
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F. Flatters (Ph.D. Johns Hopkins)  
M. Gudmundsson (Ph.D. Manitoba)  
P. Kovacs (M.A. Western)  
G. Macmillan (M.B.A. Queen's)  
H. Postner\* (Ph.D. Minnesota)  
J. Wilby\* (M.A. Alberta)  
R. Zuker (M.A. Pennsylvania)

#### St. John's

D. Briffett\*  
B. Bursey\*\* (M.B.A. British Columbia)  
D. Hogan\* (B.A. Memorial)  
B. Hollett\*  
P. Reid\*\*\* (M.A. Cambridge)  
G. Renouf\*  
P. Shea\*  
P. Smith (M.A. Alberta)  
J. Wilson (M.A. Guelph)

\*For part of the year.

\*\*Seconded from Newfoundland Government.

\*\*\*Seconded from DREE.

Professor J. Gray  
University of Manitoba  
Dr. R. Knight  
ESM-Energy Systems Management  
Associates  
Professor G. Munro  
University of British Columbia  
Professor C. Plourde  
York University  
Professor C. Riddell  
University of Alberta  
Professor N. Roy  
Memorial University  
Professor W. Schrank  
Memorial University  
Professor E. Tsoa  
Memorial University

## **Regulation Reference**

The Regulation Reference originated in discussions at the meeting of First Ministers on February 13, 14 and 15, 1978. The Communiqué issued at the close of the meeting said, in part:

The burden of government regulation on the private sector should be reduced and the burden of overlapping federal and provincial jurisdictions should be eliminated. Procedures will be instituted to review the effects of regulatory action on jobs and costs. First Ministers agreed that the whole matter of economic regulation at all levels of government should be referred to the Economic Council for recommendations for action, in consultation with the provinces and the private sector.

Subsequent to the meeting of First Ministers in February, the Department of Consumer and Corporate Affairs, on behalf of the Federal Government, discussed the potential terms of reference with representatives of each of the

provinces. On July 12, 1978, the Prime Minister formally requested that “the Economic Council of Canada undertake a number of studies of specific areas of government regulation which appear to be having a particularly substantial economic impact on the Canadian economy.”

As part of the task of defining its research agenda, the Reference staff, on July 24th, began circulation of the document “Possible Areas of Research: Economic Council of Canada Reference on Regulation.” After extensive consultation with individuals and groups in the private sector and federal and provincial governments, a second draft of the research agenda was prepared, entitled “Economic Council of Canada Reference on Regulation: Toward a Research Agenda.” This document, issued on September 1st, was given even wider circulation and considerable “feedback” was received.

As requested by the Prime Minister in his letter of July 12th, the Chairman of the Council prepared a *Preliminary Report to First Ministers* on the Regulation Reference. It was released on November 28, 1978. Part III of the report contained the proposed research agenda and Part V contained a summary of the regulatory review activities of the provincial governments and of a number of federal departments.

The Prime Minister has requested that the Council’s *Interim Report* and *Final Report* should indicate “what practical changes in public policies might be undertaken to improve government regulation.” The Council is committed to completing these reports by December 1979 and December 1980, respectively.

The research work of the Regulation Reference consists of a series of “framework” studies (dealing with general issues) and “specific” studies (dealing with the regulation of a particular industry, product or type of regulation). Framework studies under way at the end of the fiscal year included:

- “The Growth and Changing Scope of Regulation in Canada” (several parts);
- “Objectives of Regulation” (several parts);
- “Alternative Techniques of Achieving Regulatory Objectives” (several parts);
- “Regulatory Reform and Deregulation in the U.S.”;
- “FIRA as a Regulatory Process”;
- “Strategies for Implementing Regulatory Reform” (several parts);
- “Aspects of the Regulatory Process” (several parts); and
- “Rationalizing Regulatory Decision Making.”

Specific studies under way include the following:

Newton, K., CBC Radio interview on "The Shorter Work Week," Halifax, September 1978.

Newton, K., CKO Radio interview on "The Shorter Work Week," Ottawa, September 1978.

Newton, K., "Some Socioeconomic Perspectives on the Quality of Working Life," *International Journal of Social Economics*, Vol. 5, No. 3, 1978.

Newton, K., "Institutional versus On-the-Job Training: Some Canadian Evidence," in B.O. Pettman (ed.) *Government Involvement in Training*, Bradford, England, 1978.

Newton, K., participant, Canadian Institute of Strategic Studies seminar on Manpower Planning in the 80s, Toronto, November 1978.

Newton, K. (with D. Henderson), talks on the Economic Council's Labour Market Research Program with Professors Freeman and Medoff at Harvard University, and Baily, Fields and Jaynes at Yale University, June 1978.

Newton, K., "Business Size and Working Conditions: A Review of the Work of the Royal Commission," Ch. 19 of P. K. Gorecki and W. T. Stanbury (eds.), *Perspectives on the Royal Commission on Corporate Concentration*, the Institute for Research on Public Policy, Montreal, 1979.

Newton, K., participant, Tripartite meeting on Canada's Role in the I.L.O., Ottawa, October 1978.

Newton, K., participant, conference on Occupational Licensing and Regulation, Washington, February 1979.

Newton, K., "Human Resource Issues in the 80s," speech, Department of National Defence Staff College, Toronto, March 1979.

Newton, K., participant, conference on "Data Needs for Higher Education in the 80s," Ottawa, March 1979.

Ostry, S., participant, NATO Science Committee 20th Anniversary Commemoration Conference, and commentator on paper by Lord Vaizey on

"Science, Technology and Human Resources: Population and Education," Brussels, April 1978.

Ostry, S., participant, the Bilderberg Meeting, Princeton, April 1978.

Ostry, S., Chairman, session on Employment and Manpower Planning at Conference on the Evaluation of Social Programs in Canada and the United States, organized by ABT Research Associates of Canada, Mont Ste. Marie, April 1978.

Ostry, S., participant, the First Spencer Hall Conference on Business and the Public Interest, London Ontario, April 1978.

Ostry, S., keynote address at the Annual Conference of the Canadian Association for Business Economics, Ottawa, May 1978.

Ostry, S., "Government Intervention in Democratic Market Economies: A Comparison of Canada and the United States," guest speaker, the Brookings Institution-IRPP Conference, Washington, May 1978.

Ostry, S., participant, Panel Discussion on Industrial Relations After Wage and Price Control, joint session of the Canadian Economic Association, the Canadian Political Science Association, the Canadian Sociology and Anthropology Association and the Canadian Association of Law Teachers, London Ontario, May 1978.

Ostry, S., Press Conference on the creation of the Centre for the Study of Inflation and Productivity, Ottawa, June 1978.

Ostry, S., Press Conference on the release of the Council's report *For a Common Future - A Study of Canada's Relations with Developing Countries*, Ottawa, June 1978.

Ostry, S., meeting with the Federal-Provincial Consultative Committee on the Regulation Reference, chaired by Consumer and Corporate Affairs Canada, Ottawa, June 1978.

Ostry, S., briefing to the Cabinet Committee on Economic Policy re *For a Common Future*, Ottawa, July 1978.

Ostry, S., briefing to the Cabinet Committee on Foreign Affairs and Defence re *For a Common Future*, Ottawa, July 1978.

Ostry, S., participant, panel discussion on "Industrial Relations and Economic Policy - The Canadian Perspective," Annual Meeting of Canadian Association of Administrators of Labour Legislation, St. Andrews, July 1978.

Ostry, S., briefing to the Interdepartmental Committee on External Relations with Developing Countries re *For a Common Future*, Ottawa, July 1978.

Ostry, S., Chairman of session on "The Economy" at Conference on *Shaping the Future: Canada in the Global Society*, Ottawa, August 1978.

Ostry, S., participant and Chairman of a session at the 2nd International Conference on Industrial Economics, Budapest, September 1978.

Ostry, S., meeting with the Federal-Provincial Consultative Committee on the Regulation Reference, chaired by Consumer and Corporate Affairs Canada, Ottawa, September 1978.

Ostry, S., participant, Conference on Canadian-U.S. Economic Relations sponsored by The Brookings Institution and The Institute for Research on Public Policy, Ottawa, September 1978.

Ostry, S., briefings to the Federal Interdepartmental Committee on Government Regulation re the Regulation Reference, Ottawa, October 1978.

Ostry, S., Press Conference for the release of the Council's *Fifteenth Annual Review - A Time for Reason*," Ottawa, October 1978.

Ostry, S., Ottawa Association on Applied Economics, presentation on *Fifteenth Annual Review*, October 1978.

Ostry, S., *Productivity: Problems and Challenges*, speaker at the Conference on "Improving Productivity: The Challenge Ahead" organized by the Conference Board in Canada, Toronto, November 1978.

Ostry, S., opening remarks at the Workshop on the Political Economy of Confederation organized by the Economic Council of Canada and the

Institute of Intergovernmental Relations, Queen's University, Kingston, November 1978.

Ostry, S., meeting with Premier Buchanan and officials of the Government of Nova Scotia, Halifax, November 1978.

Ostry, S., meeting with Premier Campbell and officials of the Government of Prince Edward Island, Charlottetown, November 1978.

Ostry, S., participant, 35th Canadian Economic Policy Committee Meeting of the C. D. Howe Research Institute, Ottawa, November 1978.

Ostry, S., meeting with Premier Bennett and officials of the Government of British Columbia, Victoria, November 1978.

Ostry, S., meeting with Honourable Walter Smishek, Minister of Finance, and officials of the Government of Saskatchewan, Regina, November 1978.

Ostry, S., meeting with Premier Lyon, Ministers and officials of the Government of Manitoba, Winnipeg, November 1978.

Ostry, S., observer at the First Ministers' Conference on the Economy, and release of the Chairman's Reports to First Ministers on CSIP and the Regulation Reference, Ottawa, November 1978.

Ostry, S., "Industrial Strategy," guest speaker at the Dean's Colloquium on Industrial Strategy, York University, Toronto, November 1978.

Ostry, S., meeting with Premier Davis and officials of the Government of Ontario, Toronto, December 1978.

Ostry, S., "On The Other Hand....," guest speaker at the Canadian Club of Toronto, December 1978.

Ostry, S., meeting with Ministers and officials of the Government of Alberta, Edmonton, December 1978.

Ostry, S., "Industrial Strategy," guest speaker at a private dinner of the "Economic Club" of Casgrain & Company, Montreal, January 1979.

Ostry, S., round table discussion hosted by Economic Council for Mr. Van Lennep, Secretary General of the OECD, Ottawa, January 1979.

Ostry, S., speech to the Conference Board Council of Financial Executives re the Regulation Reference, Montreal, January 1979.

Ostry, S., meeting with Honourable Jacques Parizeau, Minister of Finance of the Government of Quebec, Quebec City, January 1979.

Ostry, S., meeting with Premier Hatfield and officials of the Government of New Brunswick, Fredericton, January 1979.

Ostry, S., "The Evolving Role of the Economic Council of Canada," public lecture at Carleton University, Ottawa, February 1979.

Ostry, S., presentation on Issues of Regional Economic Significance, to the Standing Senate Committee on National Finance, Ottawa, February 1979.

Ostry, S., briefing on the work of the Economic Council of Canada to the Progressive Conservative Finance Caucus, Ottawa, February 1979.

Ostry, S., meeting with the Federal-Provincial Consultative Committee on the Regulation Reference, chaired by Consumer and Corporate Affairs Canada, Ottawa, February 1979.

Ostry, S., meeting with Count Lambsdorff, Minister of Economics for West Germany, Ottawa, February 1979.

Ostry, S., speech to the Business Council on National Issues re the Regulation Reference, Toronto, March 1979.

Paproski, D., Co-ordinator, "Economic Issues Theme," Conference on *Shaping the Future: Canada in the Global Society*, University of Ottawa, August 1978.

Paproski, D. (with G. Betcherman), "The Future Economic State and Its Effect on Living and Housing Styles in Canada," seminar, the School of Urban and Regional Planning, University of Waterloo, September 1978.

- Postner, H., "Canadian Implications of the United Nations World Input-Output Model," paper presented at 12th Annual Meeting of Canadian Economic Association, London, May 1978.
- Rao, S., "The Impact of Structural and Compositional Changes on the Canadian Railway Industry: 1958-73," *Transportation Research*, June 1978.
- Rao, S., "Forecasting of Commodity Outputs: An Integration of Macro Modelling and Input-Output Analysis," *Sankhya*, December 1978.
- Rao, S. (with G. R. Sparks), *Econometric Forecasting of Railway Demand*, report submitted to CN Railways through CIGGT, December 1978.
- Robert, P. C., "Le Centre d'étude de l'inflation et de la productivité, son rôle, son organisation", televised broadcast "les gens qui font l'événement", Télé-Métropole, Montreal, July 1978.
- Robert, P. C., "Le Centre d'étude de l'inflation et de la productivité, son rôle et sa raison d'être", televised broadcast "Pleins feux sur l'actualité", Télé-Métropole, Montreal, August 1978.
- Robert, P.C., participant, CRDE Conference, University of Montreal, Montreal, October 1978.
- Robert, P. C., "L'indicateur des tensions inflationnistes du Centre d'étude de l'inflation et de la productivité", speech delivered to the Association of Quebec Economists, Ottawa-Hull, October 1978.
- Robert, P.C., "L'inflation dans les pays industrialisés", special CBC broadcast "Éconothèque", Montreal, Paris, Frankfurt, London, November 1978.
- Robert, P. C., "L'inflation au Canada, la situation et les perspectives", CBC radio broadcast, "Présence Nationale", Ottawa, November 1978.
- Robert, P. C., "Le Centre d'étude de l'inflation, son rôle et ses moyens", speech delivered to the General Assembly of the Conseil du Patronat du Québec, Montreal, December 1978.

- Robert, P. C., "L'impact de la dépréciation du dollar canadien", televised broadcast "D'une politique à l'autre", Télé-Métropole, Montreal, January 1979.
- Robert, P.C., "L'impact du dollar canadien", CBC radio broadcast "Éconothèque", Montreal, January 1979.
- Robert, P. C., "Notre siècle est-il celui de l'inflation ?", speech delivered to the Rotary Club of Quebec, Quebec City, January 1979. Published as an article in *la Presse*, February 1979.
- Schweitzer, T., member, Interdepartmental Committee on Futures Research, Ottawa.
- Schweitzer, T., panelist, Business International Corporation Canada, Forecasting Round-Table, Ottawa, April 1978.
- Schweitzer, T., "Canada's Medium-Term Economic Outlook," seminar, Department of Supply and Services, Corporate Planning Group, Ottawa, October 1978.
- Slater, D. W., meeting of the federal-provincial Advisory Committee on the Newfoundland Reference, St. John's, April 1978.
- Slater, D. W., presentation of final of study on The Position and Prospects for the Canadian Economy, National Defence College, Kingston, April 1978.
- Slater, D. W., keynote speech to a closed session on Development and Problems of the Quebec Economy, DREE Interdepartmental Seminar, Montreal, May 1978.
- Slater, D. W., presentation on Productivity Trends and Problems, Department of Industry, Trade and Commerce, Conference of Business Economists, Ottawa, May 1978.
- Slater, D. W., Chairman, OECD Working Party 4, and meeting with a group of monetary experts of the OECD, Paris, June-July 1978.

- Slater, D. W., meeting with OECD members re Labour Market Issues, Washington, July 1978.
- Slater, D. W., "The Canadian Economy is a Global Perspective," speaker at the Conference on *Shaping the Future: Canada in the Global Society*, Ottawa, August 1978.
- Slater, D. W., presentation on inflation, Moneco-Econtro Meeting, Queen's University, Kingston, August 1978.
- Slater, D. W., Industrial Relations Liaison Committee, Annual Labour Relations Conference, Quebec City, September 1978.
- Slater, D. W., panelist on Industrial Development, Annual Business Schools Management Conference, Waterloo University, September 1978.
- Slater, D. W., participant, meeting on "Methods and Forums for the Public Evaluation of Government Spending," Carleton University, Ottawa, October 1978.
- Slater, D. W., chaired meeting with an International Monetary Fund Review team at the Economic Council, October 1978.
- Slater, D. W., workshop on the Political Economy of Confederation, organized by the Economic Council of Canada and the Institute of Intergovernmental Relations, Queen's University, Kingston, November 1978.
- Slater, D. W., presentation on Tariffs and Industrial Development, "Q'BET'78 Business Environment Today," Queen's University, Kingston, November 1978.
- Slater, D. W., meeting with Premier Bennett and officials of the Government of British Columbia, Victoria, November 1978.
- Slater, D. W., meeting with Honourable Walter Smishek, Minister of Finance, and officials of the Government of Saskatchewan, Regina, November 1978.
- Slater, D. W., meeting with Premier Lyon, Ministers and officials of the Government of Manitoba, Winnipeg, November 1978.

Slater, D. W., meeting with Premier Davis, Provincial Treasurer and officials of the Government of Ontario, Toronto, December 1978.

Slater, D. W., "New Perspectives on Achieving National Goals - Monitoring and Regulation," speech, Public Affairs International Forum, Hull, December 1978.

Slater, D. W., meeting with Ministers and officials of the Government of Alberta, Edmonton, December 1978.

Slater, D. W., Chairman, OECD, EDC - Working Party 4, Paris, January 1979.

Slater, D. W., hearings, Standing Senate Committee on National Finance, Ottawa, February 1979.

Slater, D. W., meetings with officials of Canadian Embassy, Federal Reserve Bank, U.S. Treasury and Department of Commerce, Washington, March 1979.

Stanbury, W. T., *Reciprocal Buying Arrangements: A Problem in Market Power?* Technical Study No. 24 for the Royal Commission on Corporate Concentration, Ottawa, released May 1978.

Stanbury, W. T., "Government or Private Enterprise: The Rationale for Public Ownership" in *Western Canadian Ports — their Origins, Present Problems and Future*, Centre for Transportation Studies, Vancouver, 1978.

Stanbury, W. T., and Rowley, J. W. (eds.), *Competition Policy in Canada: Stage II, Bill C-13*, Institute for Research on Public Policy, Montreal, 1978.

Stanbury, W. T., "The Background of Bill C-13: The Stage II Amendments in Historical Perspective" in *Competition Policy in Canada: Stage II, Bill C-13*, Institute for Research on Public Policy, Montreal, 1978.

Stanbury, W. T. (with M. T. MacCrimmon), "The Reform of Canada's Merger Law and the Provisions of Bill C-13" in *Competition Policy in Canada: Stage II, Bill C-13*, Institute for Research on Public Policy, Montreal, 1978.

- Stanbury, W. T., "Monopoly, Monopolization and Joint Monopolization: Policy Development and Bill C-13," in *Competition Policy in Canada: Stage II, Bill C-13*, Institute for Research on Public Policy, Montreal, 1978.
- Stanbury, W. T. (with A. C. McCoomb), "The Reform of Canadian Competition Policy, 1969-1978: Selected Bibliography" in *Competition Policy in Canada: Stage II, Bill C-13*, Institute for Research on Public Policy, Montreal, 1978.
- Stanbury, W. T. (with Babey, Clark, Clark and Holm), "Effects of the Personal Income Tax on Work Effort: A Sample Survey," *Canadian Tax Journal*, Sept.-Oct. 1978.
- Stanbury, W. T., "Lobbying and Interest Group Representation in the Legislative Process" in W.A.W. Neilson and J. C. MacPherson (eds.), *The Legislative Process in Canada: The Need for Reform*, Institute for Research on Public Policy, Montreal, 1978.
- Stanbury, W. T., "Testimony on Bill C-13" in *Proceedings of the Standing Senate Committee on Banking, Trade and Commerce*, Third Session, Thirtieth Parliament, 1977-78, Ottawa, April 1978.
- Stanbury, W. T. and Smart, C. F. (eds.), *Studies on Crisis Management*, Institute for Research on Public Policy, Montreal, 1978. (Also published as Spring 1978 vol. of the *Journal of Business Administration*.)
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## 12 ELIZABETH II.

### CHAP. 11

An Act to provide for the establishment  
of an Economic Council of Canada.

[Assented to 2nd August, 1963.]

Her Majesty, by and with the advice and consent of the Senate  
and House of Commons of Canada, enacts as follows:—

#### SHORT TITLE.

Short title.      1. This Act may be cited as the *Economic Council of Canada Act*.

#### INTERPRETATION.

Definitions.      2. In this Act,  
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## CHAIRMAN, DIRECTORS AND MEMBERS.

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(2) The other members of the Council shall serve without remuneration but are entitled to be paid reasonable travelling and living expenses while absent from their ordinary place of residence in the course of their duties under this Act. Travelling and living expenses.

(3) Notwithstanding subsection (2), a member of the Council other than the chairman or a director may, for any period during which he performs, with the approval of the Council, any duties on behalf of the Council in addition to his ordinary duties as a member thereof, be paid such remuneration therefor as may be authorized by the Governor in Council. Remuneration for additional duties.

6. A majority of members constitutes a quorum of the Council. Quorum.

7. A vacancy in the membership of the Council does not impair the right of the remainder to act. Vacancy.

8. (1) The Council may, with the approval of the Governor in Council, designate one of the directors to be vice-chairman of the Council. Vice-chairman.

(2) In the event of the absence or incapacity of the chairman or if the office of chairman is vacant, the vice-chairman has and may exercise and perform all the duties and functions of the chairman. Absence, etc., of chairman.

## DUTIES.

9. It shall be the duty of the Council to advise and recommend to the Minister how Canada can achieve the highest possible levels of employment and efficient production in order that the country may enjoy a high and consistent rate of economic growth and that all Canadians may share in rising living standards; and in particular it shall be the duty of the Council: Duties of Council.

- (a) regularly to assess, on a systematic and comprehensive basis, the medium term and long term prospects of the economy, and to compare such prospects with the potentialities of growth of the economy;
- (b) to recommend what government policies, in the opinion of the Council, will best help to realize the potentialities of growth of the economy;
- (c) to consider means of strengthening and improving Canada's international financial and trade position;
- (d) to study means of increasing Canadian participation in the ownership, control and management of industries in Canada;

- (e) to study how economic growth, technological change and automation, and international economic changes may affect employment and income in Canada as a whole, in particular areas of Canada and in particular sectors of the economy;
- (f) to study and discuss with representatives of the industries concerned and with representatives of labour, farmers and other primary producers, and other occupational groups and organizations, what specific plans for production and investment in major industries in Canada will best contribute to a high and consistent rate of economic growth;
- (g) to study how national economic policies can best foster the balanced economic development of all areas of Canada;
- (h) to explore and evaluate particular projects of major significance for the expansion of industrial and other economic activities in Canada, whether or not such projects may involve direct governmental participation, and to make recommendations concerning those projects that in the opinion of the Council will contribute to the growth of the Canadian economy;
- (i) to encourage maximum consultation and cooperation between labour and management in the fulfilment of the objectives of this Act;
- (j) to seek full and regular consultation with appropriate agencies of the governments of the several provinces; and
- (k) to conduct, if directed to do so by the Minister, reviews of medium term or long term programs of the Government of Canada that are designed to aid or assist industry, labour or agriculture.

Initiation of studies, etc.

10. The Council shall on its own initiative, or if directed to do so by the Minister, conduct such studies, inquiries and other undertakings as may be necessary with respect to any matter coming within paragraphs (a) to (k) of section 9 or with respect to any other matter or thing for or relating to the carrying out of its duties under that section, and shall report to, advise or make recommendations to the Minister with respect thereto, as the circumstances require.

#### ADDITIONAL DUTIES OF COUNCIL.

Additional duties.

11. (1) In addition to its other duties under this Act the Council shall, for the purpose of promoting and expediting advances in efficiency of production in all sectors of the economy,

- (a) foster and promote
  - (i) the development of improved production and distribution methods,
  - (ii) the development of improved management techniques,

- (iii) the maintenance of good human relations in industry,
- (iv) the use of training programs at all levels of industry, and the use of retraining programs to meet changing manpower requirements,
- (v) the extension of industrial research programs in plants and industries as a means of achieving greater efficiency of production, and
- (vi) the dissemination of technical information; and
- (b) organize, assist and enlist the aid of committees, teams and other groups in the implementation of programs designed to give effect to any of the objectives set forth in paragraph (a).

(2) Any specific programs initiated by the Council in Idem. relation to any of the objectives set forth in paragraph (a) of subsection (1) shall, if carried out by the Council, be so carried out only until such programs can effectively be continued by other government departments or agencies.

#### ORGANIZATION.

12. The head office of the Council shall be in the City of Head office  
Ottawa, but the Council may meet at such other places at such and  
times as it deems necessary. meetings.

13. The chairman is the chief executive officer of the Council Direction of  
and has supervision over and direction of the work and staff of the work and  
Council. staff.

14. (1) The Council may, subject to the approval of the By-laws.  
Governor in Council, make by-laws for the regulation of its  
proceedings and generally for the conduct of its activities, includ-  
ing the establishment of ad hoc, standing and other committees  
of the Council.

(2) Any by-law made pursuant to subsection (1) es- Advisor  
tablishing an advisory committee of the Council may provide for committees.  
the membership thereon of persons other than members of the  
Council, in addition to members of the Council.

15. (1) The Council may Appointment  
(a) appoint such officers and employees as are necessary of staff.  
for the proper conduct of the work of the Council;  
and

(b) prescribe the duties of such officers and employees  
and, subject to the approval of the Treasury Board,  
prescribe the conditions of their employment.

(2) The officers and employees of the Council appointed Salaries and  
as provided in subsection (1) shall be paid such salaries and expenses of  
expenses as are fixed by the Council with the approval of the staff.  
Treasury Board.

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- Ostry, S., participant, NATO Science Committee 20th Anniversary Commemoration Conference, and commentator on paper by Lord Vaizey on

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Ostry, S., participant, the Bilderberg Meeting, Princeton, April 1978.

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Ostry, S., participant, the First Spencer Hall Conference on Business and the Public Interest, London Ontario, April 1978.

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Ostry, S., Press Conference on the creation of the Centre for the Study of Inflation and Productivity, Ottawa, June 1978.

Ostry, S., Press Conference on the release of the Council's report *For a Common Future - A Study of Canada's Relations with Developing Countries*, Ottawa, June 1978.

Ostry, S., meeting with the Federal-Provincial Consultative Committee on the Regulation Reference, chaired by Consumer and Corporate Affairs Canada, Ottawa, June 1978.

Ostry, S., briefing to the Cabinet Committee on Economic Policy re *For a Common Future*, Ottawa, July 1978.

Ostry, S., briefing to the Cabinet Committee on Foreign Affairs and Defence re *For a Common Future*, Ottawa, July 1978.

Ostry, S., participant, panel discussion on "Industrial Relations and Economic Policy - The Canadian Perspective," Annual Meeting of Canadian Association of Administrators of Labour Legislation, St. Andrews, July 1978.

Ostry, S., briefing to the Interdepartmental Committee on External Relations with Developing Countries re *For a Common Future*, Ottawa, July 1978.

Ostry, S., Chairman of session on "The Economy" at Conference on *Shaping the Future: Canada in the Global Society*, Ottawa, August 1978.

Ostry, S., participant and Chairman of a session at the 2nd International Conference on Industrial Economics, Budapest, September 1978.

Ostry, S., meeting with the Federal-Provincial Consultative Committee on the Regulation Reference, chaired by Consumer and Corporate Affairs Canada, Ottawa, September 1978.

Ostry, S., participant, Conference on Canadian-U.S. Economic Relations sponsored by The Brookings Institution and The Institute for Research on Public Policy, Ottawa, September 1978.

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Nova Scotia, Halifax, November 1978.

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Prince Edward Island, Charlottetown, November 1978.

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the C. D. Howe Research Institute, Ottawa, November 1978.

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British Columbia, Victoria, November 1978.

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officials of the Government of Saskatchewan, Regina, November 1978.

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ment of Manitoba, Winnipeg, November 1978.

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Industrial Strategy, York University, Toronto, November 1978.

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Ontario, Toronto, December 1978.

Ostry, S., "On The Other Hand....," guest speaker at the Canadian Club of  
Toronto, December 1978.

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Edmonton, December 1978.

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"Economic Club" of Casgrain & Company, Montreal, January 1979.

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- Robert, P.C., participant, CRDE Conference, University of Montreal, Montreal, October 1978.
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- Slater, D. W., panelist on Industrial Development, Annual Business Schools Management Conference, Waterloo University, September 1978.
- Slater, D. W., participant, meeting on "Methods and Forums for the Public Evaluation of Government Spending," Carleton University, Ottawa, October 1978.
- Slater, D. W., chaired meeting with an International Monetary Fund Review team at the Economic Council, October 1978.
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- Slater, D. W., meeting with Premier Bennett and officials of the Government of British Columbia, Victoria, November 1978.
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(2) In the event of the absence or incapacity of the chairman or if the office of chairman is vacant, the vice-chairman has and may exercise and perform all the duties and functions of the chairman. Absence, etc., of chairman.

## DUTIES.

9. It shall be the duty of the Council to advise and recommend to the Minister how Canada can achieve the highest possible levels of employment and efficient production in order that the country may enjoy a high and consistent rate of economic growth and that all Canadians may share in rising living standards; and in particular it shall be the duty of the Council: Duties of Council.

- (a) regularly to assess, on a systematic and comprehensive basis, the medium term and long term prospects of the economy, and to compare such prospects with the potentialities of growth of the economy;
- (b) to recommend what government policies, in the opinion of the Council, will best help to realize the potentialities of growth of the economy;
- (c) to consider means of strengthening and improving Canada's international financial and trade position;
- (d) to study means of increasing Canadian participation in the ownership, control and management of industries in Canada;

- (e) to study how economic growth, technological change and automation, and international economic changes may affect employment and income in Canada as a whole, in particular areas of Canada and in particular sectors of the economy;
- (f) to study and discuss with representatives of the industries concerned and with representatives of labour, farmers and other primary producers, and other occupational groups and organizations, what specific plans for production and investment in major industries in Canada will best contribute to a high and consistent rate of economic growth;
- (g) to study how national economic policies can best foster the balanced economic development of all areas of Canada;
- (h) to explore and evaluate particular projects of major significance for the expansion of industrial and other economic activities in Canada, whether or not such projects may involve direct governmental participation, and to make recommendations concerning those projects that in the opinion of the Council will contribute to the growth of the Canadian economy;
- (i) to encourage maximum consultation and cooperation between labour and management in the fulfilment of the objectives of this Act;
- (j) to seek full and regular consultation with appropriate agencies of the governments of the several provinces; and
- (k) to conduct, if directed to do so by the Minister, reviews of medium term or long term programs of the Government of Canada that are designed to aid or assist industry, labour or agriculture.

Initiation of studies, etc.

10. The Council shall on its own initiative, or if directed to do so by the Minister, conduct such studies, inquiries and other undertakings as may be necessary with respect to any matter coming within paragraphs (a) to (k) of section 9 or with respect to any other matter or thing for or relating to the carrying out of its duties under that section, and shall report to, advise or make recommendations to the Minister with respect thereto, as the circumstances require.

#### ADDITIONAL DUTIES OF COUNCIL.

Additional duties.

11. (1) In addition to its other duties under this Act the Council shall, for the purpose of promoting and expediting advances in efficiency of production in all sectors of the economy,

- (a) foster and promote
  - (i) the development of improved production and distribution methods,
  - (ii) the development of improved management techniques,

- (iii) the maintenance of good human relations in industry,
  - (iv) the use of training programs at all levels of industry, and the use of retraining programs to meet changing manpower requirements,
  - (v) the extension of industrial research programs in plants and industries as a means of achieving greater efficiency of production, and
  - (vi) the dissemination of technical information; and
- (b) organize, assist and enlist the aid of committees, teams and other groups in the implementation of programs designed to give effect to any of the objectives set forth in paragraph (a).

(2) Any specific programs initiated by the Council in Idem. relation to any of the objectives set forth in paragraph (a) of subsection (1) shall, if carried out by the Council, be so carried out only until such programs can effectively be continued by other government departments or agencies.

#### ORGANIZATION.

12. The head office of the Council shall be in the City of Head office  
Ottawa, but the Council may meet at such other places at such and  
times as it deems necessary. meetings.

13. The chairman is the chief executive officer of the Council Direction of  
and has supervision over and direction of the work and staff of the staff.  
Council.

14. (1) The Council may, subject to the approval of the By-laws.  
Governor in Council, make by-laws for the regulation of its  
proceedings and generally for the conduct of its activities, includ-  
ing the establishment of ad hoc, standing and other committees  
of the Council.

(2) Any by-law made pursuant to subsection (1) es- Advisor  
tablishing an advisory committee of the Council may provide for committees.  
the membership thereon of persons other than members of the  
Council, in addition to members of the Council.

15. (1) The Council may Appointment  
of staff.
- (a) appoint such officers and employees as are necessary  
for the proper conduct of the work of the Council;  
and
  - (b) prescribe the duties of such officers and employees  
and, subject to the approval of the Treasury Board,  
prescribe the conditions of their employment.

(2) The officers and employees of the Council appointed Salaries and  
as provided in subsection (1) shall be paid such salaries and expenses of  
expenses as are fixed by the Council with the approval of the staff.  
Treasury Board.

Technical  
and special  
advisers.

16. The Council may engage on a temporary basis or for any period of not more than two years the services of persons having technical or specialized knowledge of any matter relating to the work of the Council, to advise and assist the Council in the performance of its duties under this Act, and with the approval of the Treasury Board may fix and pay the remuneration of such persons.

Council  
agent of  
Her Majesty.

17. (1) The Council is for all purposes of this Act an agent of Her Majesty and its powers under this Act may be exercised only as an agent of Her Majesty.

Contracts.

(2) The Council may on behalf of Her Majesty enter into contracts in the name of Her Majesty or in its own name.

Property.

(3) Any property acquired by the Council is the property of Her Majesty and title thereto may be vested in the name of Her Majesty or in the name of the Council.

Proceedings.

(4) Actions, suits or other legal proceedings in respect of any right or obligation acquired or incurred by the Council on behalf of Her Majesty, whether in its name or in the name of Her Majesty, may be brought or taken by or against the Council in the name of the Council in any court that would have jurisdiction if the Council were not an agent of Her Majesty.

Application  
of *Public  
Service  
Superannua-  
tion Act*.

18. The *Public Service Superannuation Act* does not apply to the members of the Council other than the chairman and the directors, unless in the case of any such member the Governor in Council otherwise directs.

#### FINANCIAL.

Appropriations.

19. All amounts required for the payment of salaries and other expenses under this Act including expenses of administration shall be paid out of moneys appropriated by Parliament for the purpose.

#### AUDIT.

Audit.

20. The accounts and financial transactions of the Council shall be audited annually by the Auditor General, and a report of the audit shall be made to the Council and to the Minister.

#### REPORTS AND PUBLICATIONS.

Annual  
report to  
be made.

21. (1) The chairman of the Council shall, within three months after the termination of each fiscal year, transmit to the Minister a statement relating to the activities of the Council for that fiscal year, including the financial statements of the Council and the Auditor General's report thereon, and the Minister shall cause such statement to be laid before Parliament within fifteen days after the receipt thereof or, if Parliament is not then sitting, on any of the first fifteen days next thereafter that Parliament is sitting.

(2) The Council shall, annually, prepare and cause to be published a review of medium and long term economic prospects and problems. <sup>Review to be published.</sup>

(3) The Council may cause to be published such studies and reports prepared for the use of the Council as it sees fit. <sup>Other publications.</sup>

#### REPEAL.

**22.** (1) The *National Productivity Council Act* is repealed. <sup>Repeal. 1960-61, c. 4.</sup>

(2) Notwithstanding subsection (1), any act or thing required to be done by the National Productivity Council for the purpose of enabling the said Council to give effect to subsection (3) may be done in all respects as though the *National Productivity Council Act* had continued in force.

(3) Forthwith after the coming into force of this Act, any amount standing to the credit of the National Productivity Council after the payment by it of any debts or other obligations thereof shall be paid by the said Council to the Receiver General of Canada to be held and applied towards the payment of the expenses referred to in section 19 as though that amount had been appropriated by Parliament for such purpose.

## **By-laws of the Economic Council of Canada**

### **By-law No. 1**

A by-law relating generally to the conduct of the activities of the Economic Council of Canada.

#### *Meetings of the Council*

1. The Council shall meet from time to time as determined by the Council but not less often than four times in each calendar year and on any other occasion when a meeting is called by the Chairman.

#### *Executive Committee*

2. There shall be an Executive Committee of the Council consisting of the Chairman, the two Directors and four members, who shall be elected to the Executive Committee as provided in clause 3. The Committee shall meet at the call of the Chairman.

3. The four elected members of the Executive Committee shall be elected by the Council from among the members of the Council and each member shall hold office until his successor has been elected or until his retirement from the Council, whichever shall first occur. An elected member of the Committee is eligible to be re-elected.

4. (a) An election of members for the four elective positions on the Executive Committee shall be held at the first meeting of the Council in each calendar year.

(b) Where an elective position is vacant, an election to that position may be held at any other meeting of the Council.

5. The Executive Committee shall be responsible for the administrative functions of the Council and perform such other duties as the Council may direct.

6. A quorum for any meeting of the Executive Committee of the Council is four of the membership thereof, one of whom shall be the Chairman.

7. The Executive Committee shall keep records of its activities and shall report thereon to the Council at the next ensuing meeting.

8. A vacancy in the membership of the Executive Committee does not impair the right of the remainder to act.

#### *Committees*

9. (a) Standing or ad hoc committees may be appointed by the Council for the conduct of any specific activities.

(b) Notwithstanding the provisions of subsection (a), the term of office of any person appointed to an ad hoc committee shall terminate not later

than on the completion of the project for which the Committee was formed.

10. The Council may authorize the Chairman to establish advisory committees which may include persons other than members of the Council.

11. Members of ad hoc, standing or advisory committees, may be paid such remuneration and expenses as are approved by the Council and authorized by the Governor in Council.

#### *Technical and Special Advisers*

12. The Executive Committee may authorize the Chairman to engage, on a temporary basis, or for any period of not more than two years, the services of persons, private organizations and institutions having technical or specialized knowledge of any matter relating to the work of the Council and may enter into contracts with such persons, organizations and institutions to advise and assist the Council in the performance of its duties under this Act, and with the approval of the Treasury Board may fix and pay the remuneration and expenses of such persons, organizations and institutions.

#### *Hiring of Full-time Officers and Employees*

13. (a) The Executive Committee shall authorize, subject to the approval of Treasury Board, an establishment for the Council indicating positions for officers and employees, classification and salary ranges and any revision thereof, and conditions of employment.
- (b) The Chairman shall select and appoint officers and employees to fill vacancies on the establishment and shall prescribe their duties.

#### *By-law No. 2*

A by-law respecting execution of documents and expenses of the Council.

#### *Execution of Documents*

1. (a) Deeds, transfers, contracts and other instruments in writing made on behalf of the Council shall be signed by any two of the following:  
the Chairman, Directors or the  
Chief of Administration.
- (b) Notwithstanding the provisions of subsection (a), any document or other instrument requiring an expenditure not exceeding \$100 may be executed on behalf of the Council by the Chief of Administration or other officer designated by the Chairman.
- (c) The fiscal year of the Council shall end on the 31st day of March in each year.

*Effective 15 January 1964*

Economic Council of Canada  
and  
The Right Honourable Charles Joseph Clark, P.C., M.P.  
Ottawa, Ontario.

I have examined the statement of expenditure of the Economic Council of Canada for the year ended March 31, 1979. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as I considered necessary in the circumstances.

In my opinion, this financial statement presents fairly the expenditures of the Council for the year ended March 31, 1979, in accordance with the accounting policies set out in Note 2, applied on a basis consistent with that of the preceding year.

J. J. Macdonell  
Auditor General of Canada

Ottawa, Ontario

June 14, 1979

## Economic Council of Canada

(Established by the Economic Council of Canada Act)

Statement of Expenditure for the year ended March 31, 1979

	<u>1979</u>	<u>1978</u>
Administration		
Salaries and employee benefits	\$ 4,885,290	\$ 3,376,235
Professional and special services	2,295,217	927,923
Accommodation	300,663	294,429
Publicity, publication of report and studies	228,147	156,394
Office stationery and supplies	219,949	127,468
Travel and removal	112,586	94,386
Communications	221,247	76,130
Office furniture and equipment	177,709	60,751
Rental of equipment	78,724	50,648
Repair of furniture and equipment	14,022	11,891
Renovations	41,962	3,158
Miscellaneous	<u>13,518</u>	<u>1,190</u>
Total expenditure	\$ <u>8,589,034</u>	\$ <u>5,180,603</u>
Total expenditure provided by:		
Appropriations		
Privy Council Vote 20	\$ 7,793,971	\$ 4,438,574
Statutory Contributions to employee benefit plans	402,000	402,000
Government departments which provided services without charge	<u>393,063</u>	<u>340,029</u>
	\$ <u>8,589,034</u>	\$ <u>5,180,603</u>

The accompanying notes are an integral part of the financial statement.

Approved:

Sylvia Ostry  
Chairman

## Economic Council of Canada

### Notes to the Statement of Expenditure

Year ended March 31, 1979

#### 1. Objective

The Economic Council of Canada was established on August 2, 1963 by Act of Parliament under the provisions of the Economic Council of Canada Act, and reports to the Prime Minister through the Privy Council. The objective of the Economic Council is to advise and recommend to the Prime Minister how Canada can achieve the highest possible levels of employment and efficient production in order that the country may enjoy a high and consistent rate of economic growth and that all Canadians may share in rising living standards.

#### 2. Accounting policies

The accounts of the Council are maintained on a cash basis modified to include payments made in April relating to work performed, goods received or services rendered prior to March 31. Purchases of furniture and equipment are recorded as an administration expenditure in the year of acquisition. This basis of accounting is consistent with that used by departments of the Government of Canada.

Reported expenditures also include an estimated amount for services provided without charge by government departments.

#### 3. Financing

The amounts required to finance the transactions of the Council are provided by Privy Council Vote 20 and recorded as expenditure in the Accounts of Canada. During the year, \$8,657,185 (\$4,844,000 in 1978) was provided by this Vote and \$863,214 (\$405,426 in 1978) lapsed in accordance with Section 30 of the Financial Administration Act.



# **PUBLICATIONS OF THE ECONOMIC COUNCIL OF CANADA**

As of 31 March 1979

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Printing and Publishing  
Supply and Services Canada  
Ottawa, Ontario K1A 0S9

To avoid delay, postal orders should be accompanied by a money order payable to the Receiver General for Canada.

## **Annual Reports**

- § **Annual Report, 1963-64**, John J. Deutsch (EC1-1964)
- Annual Report, 1964-65**, John J. Deutsch (EC1-1965)
- § **Annual Report, 1965-66**, John J. Deutsch (EC1-1966)
- Annual Report, 1966-67**, John J. Deutsch (EC1-1967)
- § **Annual Report, 1967-68**, Arthur J. R. Smith (EC1-1968)
- § **Annual Report, 1968-69**, Arthur J. R. Smith (EC1-1969)
- § **Annual Report, 1969-70**, Arthur J. R. Smith (EC1-1970)
- Annual Report, 1970-71**, Arthur J. R. Smith (EC1-1971)
- Annual Report, 1971-72**, André Raynauld (EC1-1972)
- § **Annual Report, 1972-73**, André Raynauld (EC1-1973)
- Annual Report, 1973-74**, André Raynauld (EC1-1974)
- Annual Report, 1974-75**, André Raynauld (EC1-1975)
- Annual Report, 1975-76**, André Raynauld (EC1-1976)
- Annual Report, 1976-77**, George Post (EC1-1977)
- Annual Report, 1977-78**, Sylvia Ostry (EC1-1978)
- Annual Report, 1978-79**, Sylvia Ostry (EC1-1979)

## **Annual Reviews**

- |                               |   |
|-------------------------------|---|
| <b>First Annual Review:</b>   | <b>Economic Goals for Canada to 1970</b><br>1964 (EC21-1/1964, \$3.50)              |
| <b>Second Annual Review:</b>  | <b>Towards Sustained and Balanced Economic Growth</b><br>1965 (EC21-1/1965, \$2.75) |
| § <b>Third Annual Review:</b> | <b>Prices, Productivity and Employment</b><br>1966 (EC21/1/1966, \$2.75)            |

§ No longer available.

<b>Fourth Annual Review:</b>	<b>The Canadian Economy from the 1960's to the 1970's</b> 1967 (EC21-1/1967, \$2.75)
<b>§ Fifth Annual Review:</b>	<b>The Challenge of Growth and Change</b> 1968 (EC21-1/1968, \$2.75)
<b>Sixth Annual Review:</b>	<b>Perspective 1975</b> 1969 (EC21-1/1969, \$2.75)
<b>Seventh Annual Review:</b>	<b>Patterns of Growth</b> 1970 (EC21-1/1970, \$2.50)
<b>§ Eighth Annual Review:</b>	<b>Design for Decision-Making — An Application to Human Resources Policies</b> 1971 (EC21-1/1971, \$3.00)
<b>Ninth Annual Review:</b>	<b>The Years to 1980</b> 1972 (EC21-1/1972, \$2.50)
<b>Tenth Annual Review:</b>	<b>Shaping the Expansion</b> 1973 (EC21-1/1973, \$3.50)
<b>Eleventh Annual Review:</b>	<b>Economic Targets and Social Indicators</b> 1974 (EC21-1/1974, \$4.00)
<b>Twelfth Annual Review:</b>	<b>Options for Growth</b> 1975 (EC21-1/1975, \$4.50 in Canada, \$5.40 other countries)
<b>Thirteenth Annual Review:</b>	<b>The Inflation Dilemma</b> 1976 (EC21-1/1976, \$5.00 in Canada, \$6.00 other countries)
<b>Fourteenth Annual Review:</b>	<b>Into the 1980s</b> 1977 (EC21-1/1977, \$2.00 in Canada, \$2.40 other countries)
<b>Fifteenth Annual Review:</b>	<b>A Time for Reason</b> 1978 (EC21-1/1978, \$4.00 in Canada, \$4.80 other countries)

## Other Council Reports

**Interim Report — Consumer Affairs and the Department of the Registrar General**  
1967 (EC22-1067, \$0.25)

**Interim Report on Competition Policy**  
1969 (EC22-1269, \$3.25)

**Performance and Potential: Mid-1950's to Mid-1970's**  
1970 (EC21-1/1970-1, \$1.50)

**Performance in Perspective**  
1971 (EC21-1/1971-1, \$1.50)

§No longer available.

**Report on Intellectual and Industrial Property**

1971 (EC22-1370, \$3.25)

**Toward More Stable Growth in Construction**

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**Looking Outward: A New Trade Strategy for Canada**

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**People and Jobs: A Study of the Canadian Labour Market**

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**Efficiency and Regulation: A Study of Deposit Institutions**

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**Staff Studies\***

**1. Population and Labour Force Projections to 1970**

Frank T. Denton, Yoshiko Kasahara, and Sylvia Ostry, 1965 (EC22-1/1, \$0.75)

**2. Potential Output, 1946 to 1970**

B. J. Drabble, 1965 (EC22-1/2, \$1.00)

**§ 3. An Analysis of Post-War Unemployment**

Frank T. Denton and Sylvia Ostry, 1965 (EC22-1/3, \$0.75)

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Wolfgang M. Illing, 1965 (EC22-1/4, \$0.75)

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\*This series has been discontinued. Staff studies are listed henceforth under the heading "Research Studies."

§No longer available.

**§ 8. Export Projections to 1970**

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**9. Federal Tax Revenues at Potential Output, 1960 and 1970**

D. J. Daly, 1965 (EC22-1/9, \$0.50)

**10. National Saving at Potential Output to 1970**

Frank Wildgen, 1965 (EC22-1/10, \$0.50)

**§ 11. Changes in Agriculture to 1970**

John Dawson, 1965 (EC22-1/11, \$0.50)

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Gordon W. Bertram, 1966 (EC22-1/12, \$1.90)

**§ 13. Internal Migration in Canada, 1921-1961**

Isabel B. Anderson, 1966 (EC22-1/13, \$1.60)

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S. E. Chernick, 1966 (EC22-1/14, \$1.40)

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Frank T. Denton, 1966 (EC22-1/15, \$1.00)

**§ 17. Business Cycles in Canada**

Derek A. White, 1967 (EC22-1/17, \$2.25)

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Wolfgang M. Illing and Zoltan E. Zsigmond, 1967 (EC22-1/20, \$1.25)

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D. J. Daly, B. A. Keys, and E. J. Spence, 1968 (EC22-1/21, \$1.75)

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B. A. Keys, 1967 (EC22-1/22, \$0.35)

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§No longer available.

25. **Enrolment in Educational Institutions, by Province, 1951-52 to 1980-81**  
Z. E. Zsigmond and C. J. Wenaas, 1970 (EC22-1/25, \$3.00)
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Thomas T. Schweitzer, 1970 (EC22-1/26-1, \$1.50)
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## Miscellaneous Publications

**A General Incentive Programme to Encourage Research and Development in Canadian Industry, A Report to the Economic Council of Canada by the Advisory Committee on Industrial Research and Technology,**

1966 (EC22-565, \$0.60)

**A Declaration on Manpower Adjustments to Technological and Other Change**

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**Towards Better Communications between Labour and Management**

1967 (EC22-967, \$0.25).

**Medium-Term Capital Investment Survey — 1968**

B. A. Keys, D. S. Rothwell, and F. G. Thompson, 1969 (EC21-2/1968, no charge)

**Medium-Term Capital Investment Survey — 1969**

B. A. Keys, F. G. Thompson, and M. Heath, 1970 (EC21-2/1969, no charge)

**Medium-Term Capital Investment Survey — 1970**

B. A. Keys, F. G. Thompson, and M. Heath, 1971 (EC21-2/1970, no charge)

## Conference Papers and Reports

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## **APPENDIX**

### **ECONOMIC COUNCIL OF CANADA ROLE, COMPOSITION AND EXTERNAL RELATIONSHIPS**

A Report to the  
Prime Minister of Canada  
from the  
Chairman

December 1978

(released by  
Prime Minister's Office  
January 22, 1979)



## 1. Background

The Economic Council of Canada is a research and policy advisory agency created by Act of Parliament in 1963. The Council conducts research and analysis to enable it to offer sound economic advice to Governments, Parliament and the country as a whole. Through active participation by members selected from various parts of the economy across the country, the Council endeavours to improve public understanding of important economic issues. This effort is furthered by a public information role, expressed primarily through wide dissemination of its numerous reports and background studies.

The statutory responsibilities of the Council are very broad, a fact that permits the Government a good deal of latitude in deciding upon the nature of the Council's membership, and of the Council's relationship to the Government and other bodies. As stated, the membership of the Economic Council of Canada has, in the past, comprised people drawn from various sectors of the economy. This representation was, in a sense, informal, for they were not elected or appointed by what might be called their constituencies, although the latter may have been consulted before appointments were made. Nonetheless, some of them were faced, from time to time, with the problem of submerging their respective constituency interests into complete acceptance of a Council report, portions of which were likely to be unwelcome to their constituents. This problem was generally resolved, sometimes rather uneasily, in the deliberations of the Council during the first dozen years of its existence. However, the withdrawal of most of the labour representatives in 1976 from active participation brought the question of future membership into relief.

## 2. The Options

Experience in other countries that have established economic advisory bodies is seldom applicable to the idiosyncrasy of Canada. It is assumed, for instance, that the Government does not contemplate the absorption of the Council into its own machinery, as is the case in the United States and France. The federal constitution of Canada, together with its geographical extent and demographic eccentricity, presents problems and opportunities not encountered in Britain or in the Benelux and Scandinavian countries. It is therefore not necessary to present a detailed review of the arrangements they have made. Experience in West Germany is probably more relevant because of its federal constitution and diversified economy. Attention has therefore been concentrated in this essay on the following three options:

- a perpetuation of the present “consensus model”;
- a *Conseil des Sages*, as in West Germany;
- an evolutionary approach between those two extremes.

## 2.1 The Consensus Model

Economic policy, in practice, necessarily involves compromises; whatever unanimity there may be on such broad objectives as full employment, high productivity, economic growth, and an improved general standard of living, there is seldom any agreement, as between one sector of the economy and another, or between different socio-economic elements of the population, on the priorities to be accorded to those objectives, still less on the action to be taken to achieve them. Compromise is also necessary in balancing the interests of different regions, and it is simplistic to think of Canada as having only five regions. In the west, for example, Alberta, Saskatchewan, and Manitoba differ so widely in demography and economic structure that to regard them as an “economic unit” of the country is nonsensical. Leaving aside the political considerations for the moment, it is not even sufficient to think of the country as comprising ten provinces, for in all the larger provinces there is an internal regional and demographic diversity which must be taken into account by the governments concerned in determining their economic priorities and plans. Add to this that the eleven Canadian governments today represent, in varying numbers, four different political parties, each with its own view as to what may be best for the economy, and it becomes evident that major compromises will also be necessary in economic policy decisions.

It is against this background that the consensus model for an economic advisory body should be examined. Any attempt to provide for representation of all the sectoral, regional, social, and political elements of the economy would clearly be impractical. In addition to the general incompatibility of interest among those representatives, there are fundamental and sometimes antagonistic schools of thought among professional economists to add fuel to the flames of disagreement. In the hope of providing for as wide a range of interests as possible, it was provided that the ECC should have, in addition to its three full-time members, up to 25 part-time members. Even with this number, it is a remarkable achievement that it was ever possible to reach a consensus on matters of importance, and a break with one or other group of members may have been inevitable. An essential element of Cabinet government is unanimity (“solidarity”) on policies and programs. Lord Melbourne, Queen Victoria’s first Prime Minister, is reported to have said at a Cabinet meeting “Now, is it to lower the price of corn, or isn’t it? It is not much matter which we say, but mind, we must all say the same.” It is not reasonable to impose such an

obligation of complete and unqualified unanimity on an advisory body composed of people representing, even indirectly, a broad and diversified range of potentially conflicting interests.

Nonetheless, the substantial concertation and expression of ideas and opinions by the Council over the years must be regarded as a remarkable achievement. Members have been free to draw attention in reviews and reports to their reservations or disagreement with regard to particular points, and have occasionally done so, especially in more recent years. Generally, however, it has not always been easy for them to submerge their sense of responsibility for representing a particular constituency into their responsibility for the "corporate" thinking and opinions of the Council as a whole. To do this becomes an impossibility when there is a fundamental disagreement on more general matters, and this was one of the issues that led to the withdrawal of most of the labour representatives. The conclusion, in short, is that the consensus model, to the extent that it implies unanimity, is likely to become an increasingly impractical concept for a Council dealing with important substantive matters in contemporary and future conditions in Canada. Nevertheless a high degree of concertation of analysis and conclusions by the Council continues as an important ideal.

## 2.2 A Conseil des Sages

By a national *Conseil des Sages* in economic affairs is usually meant a continuing advisory group of experienced economic experts offering public review and commentary on the general setting of economic policy for a country. The classic example of the *Conseil des Sages* model is provided by West Germany. An examination of it, considering Canada's circumstances, reveals some possibilities for future development of the Economic Council of Canada.

The West German Council of Experts on Economic Development is a federally appointed standing body of five part-time members, all professional economists, who elect a Chairman from among themselves. Like the ECC, they are required by law to submit an annual review of the economy and may prepare and publish — indeed, are required to do so in certain circumstances — additional reports relating to statutory objectives.

An interesting point in the constitution of that Council is that it is forbidden by law to make recommendations. This can be a tricky matter for advisory bodies of a permanent nature. A Royal Commission makes its recommendations and its members go home, having expressed their opinions; they may be miffed if their recommendations are not accepted, but they are under no further obligation to produce alternatives. Not so for a standing body, which

must reiterate or produce alternatives, a process that becomes not only frustrating but increasingly difficult if none, or few, of its recommendations are implemented. Thus the West German Council is restricted to reporting on the probable consequences of alternative policies and courses of action, a hard obligation when, as sometimes happens, there appears to be only ONE proper course of action from a professional standpoint. The government concerned has to apply a political poultice to what is evidently the “proper” solution if, as is very often the case, it is politically impractical.

In the West German case, this restriction is offset by the fact that the Government is obliged by law to submit the Council’s reviews to both houses of parliament “without delay” and, within eight weeks of tabling and publication, state its position and explain what economic conclusions it wished to draw from them. In Canadian terms, this would amount to an obligation on the Government to produce a Green Paper on economic policy within eight weeks of the tabling of each annual review by the ECC, and it would be astonishing if any political party that happened to be in power would accept such an obligation with equanimity. Nevertheless, the function of the ECC as a provider of information and, to that extent, an educator of public opinion on economic matters would be greatly facilitated if its annual reviews, at the very least, were subjected to annual examination and discussion by a Parliamentary committee, perhaps a Joint Committee of the Senate and the House of Commons.

To revert to the West German *Conseil des Sages*, its statutory constitution has obvious weaknesses. The Council, with a total of only five part-time members and a small full-time secretariat headed by a General Secretary is barely, if at all, sufficient to encompass different contemporary schools of economic thought and research. Further, this concentration of largely academic brilliance may tend to be impervious to, or unconcerned with, the realities of political action. Finally, although in recent years two of its members have been vaguely identifiable respectively as labour- or industry-oriented, it is insufficiently representative (using the word only in the sense of being intimately informed) of the interests of the States and the diverse sectors of the economy. It is understood that the German Trade Union Federation (DGB) has recently become so dissatisfied that suggestions have been made to reconstitute the Council with direct representation by interest parties.

In short, while the West German model — the major example of a “pure” *Conseil des Sages* — offers some attractions, it can be regarded as no more than a basic concept that might be adapted, by extension and modification, to Canadian circumstances.

### 2.3 An Evolution Approach

The present constitution of the ECC has a number of features that appear, at least for Canada, to be an improvement on the West German model: for example, the presence of three full-time members and up to 25 part-time members. Within that total, it should be possible to establish a body that would provide what might be termed “windows of perception” in relation to economic sectors, regional differences, and social-science disciplines by selecting both academic and other professional economists and people who are experienced in commerce, industry, and the labour movement. Together they should be drawn from as many different parts of Canada as possible.

In establishing the structure of the Council, there are three important objectives to be pursued. First, although there might be consultations with appropriate groups and persons in selecting members, it should be made clear that members should be prepared to serve as individuals. This means that agreement on findings and policy recommendations in Council would be based on the validity of the underlying research and on the integrity of a consensus-making process involving sound sectoral and regional insights but not predetermined constituency positions. A broad diversity of knowledge and experience which goes beyond the “traditional” areas of business, labour, agriculture, etc., can add an important catalytic element to the deliberations of the Council and should be encouraged in the selection of members. Further, and most importantly, the persons selected should be of sufficient standing to command respect in the fields and regions from which they are drawn, for they should also be regarded as “windows of perception” on the work of the Council as seen from the outside. In short, they should be able to provide influential channels of communications and understanding in both directions.

Second, it is essential that the membership should always include a core of professional economists, not many but a few, and all of the highest professional standing. They would have a dual function: in addition to their normal activities as members of the Council, they could help to safeguard the excellent standards of research on which the Council depends for acceptance as a professionally authoritative body. Further, from time to time ad hoc consultation with members of the profession is helpful in designing particular research projects.

Third, it is useful to secure a more active commitment to the work of the Council among the part-time members by involving them more directly in the formulation and guidance of research programs and projects. This may be accomplished by the use of Advisory Subcommittees to take particular interest in specific projects which would be chaired by a member and could include

outside experts as well as other members. For example, such committees have been established for the two "references" which stemmed from the February (1978) First Ministers' Conference, for the study of the Newfoundland economy jointly requested by the Prime Minister and the Premier of Newfoundland, and for planning for research and Annual Reviews.

The Government is under no obligation to appoint any particular number of part-time members, the figure of 25 being only an upper limit. It is believed that a Council comprising three full-time members and an appropriate number of part-time members drawn from, but not regarded as authorized representatives of, a broad range of disciplines, activities and regions would, if free from strict consensus requirements, be better able than the ECC has been in the past to present influential group opinions on economic subjects and fulfil its obligation to educate and illuminate public opinion.

The Council would continue to strive for consensus, which would be regarded as a substantial majority in favour of a Council report. To encourage this approach, provision would be made to footnote or otherwise clearly state dissenting opinions.

To sum up on functions, membership and "corporate" behaviour, the most attractive alternative is for further evolution in the development of the Council to:

1. Continue to serve the Canadian public directly and through its decision-making governmental and private institutions, by study and recommendations on economic and closely related affairs, emphasizing the medium- and long-term aspects of prospects, problems and alternative courses of action.
2. Continue with a membership of three full-time and up to 25 part-time members broadly representative of knowledge and experience but with some emphasis on economic affairs, with members serving in their individual rather than their representative role.
3. Aim for a high degree of concertation of ideas and expression, but not necessarily and always for complete unanimity.

### 3. Relations with Governments

The effectiveness of the Council as an instrument for enlarging and illuminating public opinion on economic matters requires that it be demonstrably independent of any form of direction or pressure from the government of

the day. But this does not imply that it should sit in such a state of cloistered virginity as to be totally out of touch with the continuing activities of the appropriate departments and agencies. Present conventions are reasonably adequate in this regard. The ECC has absolute freedom to publish its own reviews and reports; the Government may request it to examine and report (with or without recommendations) on any specific matter in the economic field (a so-called "reference" study) and its members and professional staff are free to consult and be informally consulted by Ministers, Members of Parliament, public servants and others.

Attention has been drawn in the past by the Council to the need for some mechanism for discussion with the Government as a whole, and it is still strongly believed that it would be desirable for a standing committee of Cabinet to meet representatives of the Council at fairly regular intervals to discuss economic problems in general and the ECC annual reviews and reports in particular. As requested, the Council should also meet with opposition parties.

It is particularly important that the Council seek to establish effective channels of communication with Provincial governments and a variety of avenues — both formal and informal — should be explored to achieve this objective. Thus, for example, the more informal contacts are desirable between its members and professional staff on one side and, subject to the agreement of the provincial governments concerned, provincial Ministers and public servants on the other. More formal services also can be provided to provincial governments through the use of joint federal/provincial references on specific problems of provincial interest which relate to the Canadian economy as a whole.

#### 4. Relations with Parliament

Members of the ECC are called upon from time to time to appear before various Parliamentary committees, but there has been no opportunity in the past for a full-scale Parliamentary examination of the Council's reviews and reports. Such regular examination would most probably attract more media attention than the occasional appearance of ECC members before various Senate and House Committees, and would thus give valuable impetus to achieving the objective of developing wider public understanding of the problems of the economy and the solutions proposed. It is therefore strongly recommended that the officers of Parliament give serious consideration to the machinery for Parliamentary deliberation on economic affairs, perhaps by instituting a Standing Committee (perhaps a Joint Committee) which would call upon members of the Council to appear regularly for discussions on

medium-term economic issues. In considering such machinery, the officers of Parliament could also consider the adequate staffing of such a Committee, and the powers of the Committee to call upon other bodies, such as the Conference Board in Canada and the C. D. Howe Research Institute, as well as academic and other professional economists, for consultation or advice.

## 5. Relations with the Private Sector

Although increased effort should be made for Council members and staff to participate in regional and local meetings of various kinds in the private sector across the country, the work of the ECC would be impeded by any obligation to enter into formal consultation with bodies representing different sectors of the economy such as labour, industry, agriculture, and so on. It is obvious that there should be regular and fairly continuous contacts with these bodies at the professional level, and meetings as required between members of the Council and the executives of the representative bodies in the private sector. It is believed, however, that the Government itself should undertake the responsibility for formal consultation with these bodies, at the initiative of either party.

The Council should not be included as an "official" participant in such formal consultations, for that would be detrimental to the maintenance of its position as a truly independent resource on which governments and private decision-makers can rely for objective advice on economic matters. This would not preclude the Council, or indeed such other bodies as the Conference Board in Canada or the C. D. Howe Research Institute, from giving assistance to the Government in the preparation of the agenda for formal consultative fora or providing analytic or secretariat services.

## 6. Relations with the Public

The Council should continue to give great emphasis to its role as educator and communicator on economic affairs to the general public. The varied program of publication which the Council has developed appears to be generally quite effective. This includes the publication of the Annual Review and various major reports as consensus documents, publication of authored research studies and discussion papers and the bi-monthly Bulletin. The Council has aimed its Annual Review and consensus reports at the interested knowledgeable layman, both directly and through the media, as well as at policy-makers. These continue to be appropriate target audiences. The Council also plays a bridging role among the academic community, the economic

research establishment of governments and persons and organizations concerned generally with public affairs. If any change is contemplated, it should be to strengthen this bridging activity. Through the various means used in this work — including conferences, workshops, press conferences, seminars, public lectures and “brainstorming” sessions — it is particularly important that the Council keep in mind the need to develop a regional presence. Further, in seeking to fulfil this important public communication role, the Council must strive to improve its style of written and oral communication, aiming at clear, concise and non-technical presentation.

## 7. Conclusion

It is believed that the arrangements outlined above would facilitate the evolution of the Economic Council of Canada into a more effective instrument for advising on economic affairs; for developing a national presence; and for achieving wider and more enlightened public understanding of economic problems and Canadian economic policies and priorities. No immediate amendment of the Economic Council of Canada Act would appear to be necessary, although some changes might become desirable later on in the light of experience gained under the proposed arrangements.











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## Annual Report

year ending March 31, 1950



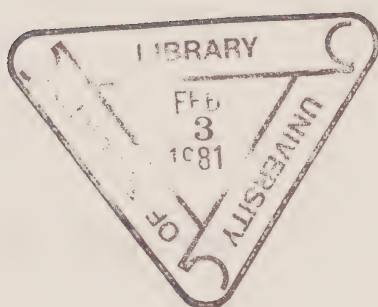
## **Economic Council of Canada**

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## **Annual Report**

year ending March 31, 1980

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June 30, 1980

The Right Honourable  
PIERRE ELLIOTT TRUDEAU, P.C., M.P.,  
Prime Minister of Canada,  
Parliament Buildings,  
Ottawa, Canada.

Sir:

I have the honour to transmit the annual statement relating to the activities of the Economic Council of Canada for the fiscal year ending March 31, 1980, as required by the Economic Council of Canada Act.

Yours sincerely,

DAVID W. SLATER  
Acting Chairman



David W. Slater  
Director  
Vice-Chairman  
Acting Chairman



Robert Lévesque  
Director

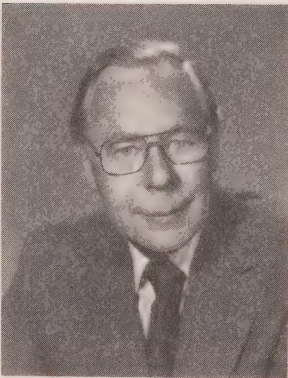




Harry W. Arthurs  
Professor  
Osgoode Hall Law School  
York University  
Downsview, Ontario



Ian A. Barclay  
Chairman of the Board  
British Columbia Forest Products Limited  
Vancouver, British Columbia

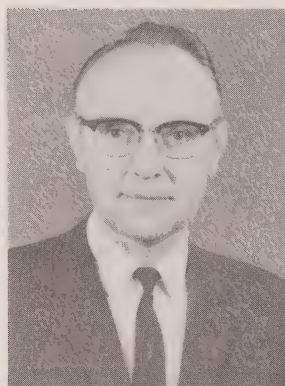


David Blair  
Vice-President  
Atlantic Region  
Canadian National  
Moncton, New Brunswick

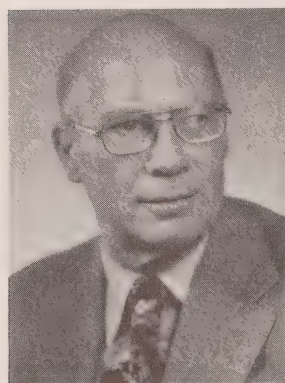
**Norman A. Bromberger**  
**General Manager and Chief Executive Officer**  
**Saskatchewan Co-operative Credit Society**  
**Regina, Saskatchewan**



**J. A. Brown**  
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**Robert B. Bryce**  
**Retired Public Servant**  
**Ottawa, Ontario**





William A. Dimma  
President  
A. E. Lepage Limited  
Toronto, Ontario

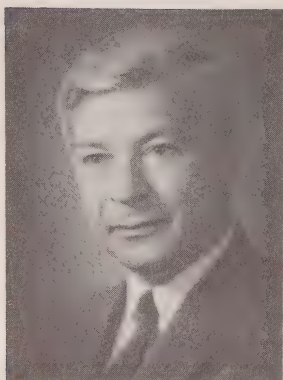


Mildred S. Dobrin  
Vice-President and General Manager  
Miracle Mart  
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Université de Montréal  
Montreal, Quebec

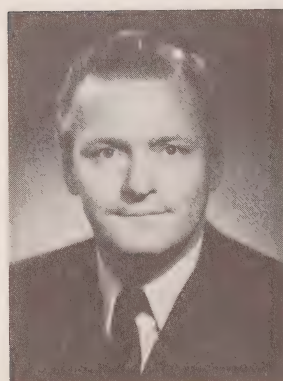
Kalmen Kaplansky  
Director  
Canadian Branch Office  
International Labour Office  
Ottawa, Ontario

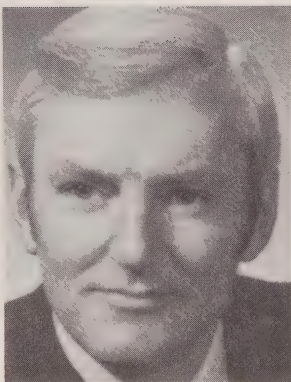


Pierre Laurin  
Director  
École des Hautes Études Commerciales  
Montreal, Quebec

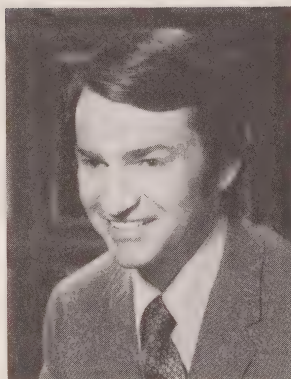


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President  
York University  
Downsview, Ontario

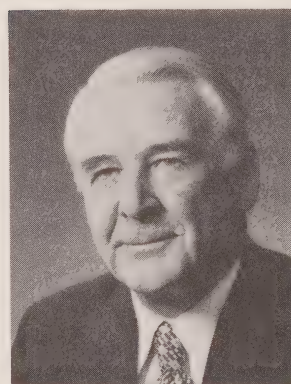




**James A. McCambly**  
Executive Secretary, Canadian Office  
Building and Construction Trades Department  
AFL-CIO  
Ottawa, Ontario

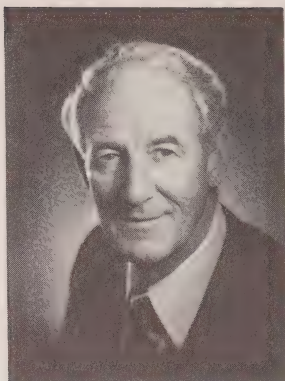


**Peter H. Pearce**  
Professor  
Department of Economics  
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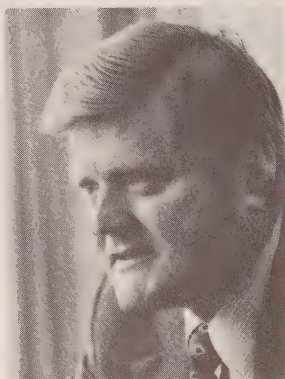


**A. M. Runciman**  
President  
United Grain Growers Limited  
Winnipeg, Manitoba

J. Hugh Stevens  
Chairman and Chief Executive  
Canada Wire and Cable Company Limited  
Toronto, Ontario



Ralph G. M. Sultan  
Senior Vice-President  
The Royal Bank of Canada  
Calgary, Alberta



Patrick Robert  
Secretary-General

William Haviland  
Council Secretary

## Retirements, Resignations, and Appointment

During the year ending March 31, 1980, the terms of the following members expired:

S. Robert Blair	(1 June 1979)
Gérard Dion	(3 June 1979)
Raymond Primeau	(14 June 1979)
Charles J. Connaghan	(21 October 1979)

The following members resigned:

Henry B. Rhude	(10 August 1979)
H. A. Olson	(1 November 1979)
Sylvia Ostry	(31 December 1979)

The following full-time member was appointed Vice-Chairman and Acting Chairman:

David W. Slater	(1 January 1980)
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## HIGHLIGHTS

Efforts continued during the year under review to increase the participation of the Council's members in its program of work and to improve its external relations. These efforts are outlined here, while the research initiatives are described in some detail in the following section of this *Report*, which is commended to the attention of readers interested in following the mainstream of Council activities.

Four Advisory Committees of the Council continued during the year: Research and Annual Reviews; the Newfoundland Reference; the Regulation Reference; and Communications and External Relations. In the case of the Regulation Reference Advisory Committee, representatives from the business community, as well as academics and others, participate as "ad hoc" members.

Two external conferences were organized by the Council. A Conference on Canadian Incomes was held at Winnipeg on May 10-12, 1979, and a Conference on "Responsible Regulation: The Interim Report on the Regulation Reference" was held in Toronto on December 10, 1979. Thirteen open seminars took place at the Council, ten of which featured well-known economists from outside the Council. A list of the seminars is included in the Report.

During the year under review, the Council added several more titles to its lengthening list of publications. These are included in the complete list of Council publications at the end of this *Report*. Three consensus reports of the Council were released: the *Sixteenth Annual Review* entitled "Two Cheers for the Eighties"; *One in Three: Pensions for Canadians to 2030*; and *Responsible Regulation: An Interim Report*.

The *Sixteenth Annual Review* continued the examination of the economy's performance and prospects; it also contained an analysis of some issues associated with the changing structure of the economy.

*One in Three: Pensions for Canadians to 2030* considered whether Canada will be able to ensure its older generation an adequate income without risk to the economy.

*Responsible Regulation* presented the interim findings of the Council on the impact of government regulation upon the private sector and on policies to improve regulation.

Although the mandate of the Centre for the Study of Inflation and Productivity (CSIP) had been terminated before the beginning of the fiscal year under review, authority was granted to the Council to complete a number of research studies well underway. A dozen such studies were released in late 1979 and early 1980 in the Council's Discussion Paper series. In addition, a *Final Report*, dealing with the stewardship of CSIP, was prepared; it is scheduled for release in the summer of 1980.

Three Council meetings were held during the year ending March 31, 1980. The meetings took place during June, September and December 1979. The June meeting was in St. John's, Newfoundland, and the September and December meetings were in Ottawa.

This *Annual Report* contains, at the beginning, photographs of most of its members during the past fiscal year. Changes in Council membership during the year are noted.

The special activities of full-time members of Council and staff are listed in a separate section.

The Statement of Expenditure of the Economic Council for the year ending March 31, 1980, audited by the Auditor General of Canada, is shown near the end of this *Report*. For comparison, the Statement of Expenditure of the previous year is shown as well.

## THE PROGRAM OF WORK AND STAFF INVOLVED

The work at the Economic Council of Canada consists of research and communication. The research program encompasses continuing commitments of the Council in certain areas, as well as undertakings scheduled to terminate with the publication of a Council report or a series of studies.

The research program is organized around a number of project areas. Although necessarily limited in number at any time, these project areas change and evolve to provide new information and analysis in support of the policy-oriented reports of the Council.

For each project area, there is a research group, co-ordinated by a project director and comprising a number of professionals. This core group may be strengthened during periods of intensive effort by additional personnel, some of whom work on a contractual basis at the Council, while others take part as external consultants.

The professional staff consists mainly of people with advanced training in economics. The range of their expertise reflects the varied nature of the Council's work; some of the professional staff have had considerable experience in university work; others, in government service and industry. The research personnel involved during the year ending March 31, 1980, are shown below by project group. Some full-time staff members contributed to more than one project during the course of the year. The persons listed as consultants were on contract and were involved for varying periods of time during the year.

In addition to the research staff, the Council maintains a strong core of support services ranging from computer services to translation and word-processing units.

## Sixteenth Annual Review

The Annual Review is the vehicle by which the Economic Council carries out its mandate "regularly to assess, on a systematic and comprehensive basis, the medium-term and long-term prospects of the economy, and to compare such prospects with the potentialities of growth of the economy."

The *Sixteenth Annual Review* was published on October 31, 1979, under the title "Two Cheers for the Eighties." It offered a re-evaluation of Canada's past and future economic potential in light of new developments, along with in-depth treatment of special subjects: the high personal-saving rate, "real" business profits, and the evolution of the intergovernmental fiscal structure. The medium-term outlook was shown to be heavily influenced by the international oil situation and domestic energy policy. The *Review* characterized Canada's economic ailments — unemployment, high inflation, fiscal imbalance — as structural problems, and proposed a medium-term strategy also encompassing the energy problem.

The *Sixteenth Review* is relatively brief. Extensive documentation of the projections and policy simulations was released concurrently. Other background papers have been released in the Council's Discussion Paper series.

By the end of 1979 the Sixteenth Review Group was disbanded, most full-time staff having taken on other assignments at the Council.

### Personnel

Director — H. Bert Waslander (Doctorandus, Tilburg)

#### Full-time Professional Staff\*

G. Fortin (M.A. Laval)  
T. Roseman (B.Sc. McGill)  
B. Rosenfeld (Ph.D. Pennsylvania)  
A. Tarasofsky (Ph.D. McGill)  
L. Wesa (B.A. Lakehead)

#### Consultants

J. Bossons  
D. P. Dungan  
G. V. Jump  
J. E. Pesando  
T. A. Wilson  
Institute for Policy Analysis  
University of Toronto  
J.-P. LeGoff  
École des Hautes Études Commerciales  
W. Lawlor  
Ernst and Whinney  
M. Boyer  
Université de Montréal

\*All staff for part of the year.

## Seventeenth Annual Review

The *Seventeenth Annual Review*, to be published in the autumn of 1980, will feature perspectives on the subject of growth and productivity. Included are new investigations into issues concerning relatively low rates of productivity growth over the last several decades and the pronounced decline subsequent to 1973. Consideration is given to international comparisons of productivity; industrial and regional productivity performances; the contributions of factor inputs to productivity growth changes; the influence of manpower skills, financial markets, and industrial innovation on productivity performance; the responses of production processes to changes in relative prices; the impact of technological advances on productivity and output; and long-term scenarios of changing production patterns and efficiency. The *Review* is expected to contribute to public understanding of these matters.

### Personnel\*

Director — Dennis Paproski (M.A. Alberta)

#### Full-time Professional Staff

L. Buchanan (B.A. Queen's)  
D. MacMillan (B.A. Carleton)

#### Consultants

Ernst Berndt  
University of British Columbia  
G. Campbell Watkins  
Datametrics

\*All staff for part of the year.

## CANDIDE Project

The CANDIDE Group is responsible for macro-econometric model development, including maintenance and updating of the large-scale econometric model CANDIDE 2.0. The CANDIDE Project was initiated in 1969-70 as an interdepartmental venture under the Economic Council's auspices. The modeling effort which initially brought into use CANDIDE Model 1.0 has continued to the present time, providing subsequent revisions including Models 1.1, 1.2, 1.2M, and 2.0.

The CANDIDE Group completed the restructuring and redesigning of the model during the past year. The new version of the model has been estimated

and tested within the sample period which ended in 1974. Subsequent to the development and testing stage of Model 2.0, the Group prepared the projections published in the *Sixteenth Annual Review*. The Group currently has completed a database update carrying the sample period of the model through 1978. This newly available database has been used to check the performance of the model outside the sample period. The Group has also recently participated in a complete review of the projections published in the *Sixteenth Review* in preparation for the development of a base case and alternatives which are to appear in the *Seventeenth Review*.

In the past year, CANDIDE Model results were presented at a model comparison seminar sponsored by the Federal Department of Finance. Presentation of the results has also been made to the Board of Economic Development, to the Prime Minister's Office, and to a number of groups in the private sector.

A number of projects have been undertaken by individual members of the Group:

- The impact of foreign prices and interest rates on the Canadian economy under alternative monetary exchange rate policies;
- The relative impact of wage-price controls and indexation on economic growth and price stability; and
- Price formation in an open economy and the relative efficiency of fiscal and monetary measures for stabilization purposes.

A number of other studies are currently underway, including:

- Long-term energy simulations to the year 2000; and
- The impact of investment incentives on economic growth.

CANDIDE Model 2.0 was also used to assess potential growth during the period 1960 through 1978 and to provide some insight into anticipated potential growth during the period 1980-85.

In January 1980, the CANDIDE Group released a documentation manual which described in relatively nontechnical terms the basic structure of Model 2.0. This document includes a complete listing of equations and a description of each of the subsectors that are found within the model.

## Personnel

Director — R. S. Preston (Ph.D. Pennsylvania)

### Full-time Professional Staff

C. Braithwaite (Ph.D. Queen's)  
B. Cain (Carleton)  
B. Eyford (B.Sc. British Columbia)  
B. Lodh (Ph.D. Rotterdam)  
T. Schweitzer (Ph.D. Budapest)  
S. Rao (Ph.D. Queen's)  
H. Saiyed (M.A. Ottawa)  
M. Willis (B.Com. Ottawa)

### Consultants

Informetrica Ltd.  
Ottawa  
WEFA (Wharton Economic Forecasting  
Associates), Philadelphia  
Institute for Policy Analysis  
University of Toronto

## Retirement Income Study

The Retirement Income study evolved from the Council's financial markets program. It had originally been intended to focus the second phase of that work on government participation in financial markets through such channels as the Canada and Quebec Pension Plans and various government lending programs. However, preliminary research and discussion suggested that there was a great deal to be said for concentrating resources on the study of pension plans and, more generally, on the maintenance of retirement income. Since a number of other organizations are looking at various aspects of this subject, it was also decided that the major focus of the Council's study would be on the long-term impact of retirement income policies on the Canadian economy.

During the fall of 1979 this project was completed with the publication of a consensus report entitled: *One in Three: Pensions for Canadians to 2030*. The report concludes that, in the face of an aging population, Canada can provide an adequate income to its older people without risk to the economy. To do this, however, will require that Canadians face the problems squarely and undertake realistic advance planning. The report goes on to indicate the direction that retirement income policy should take in the near future.

The report will be of interest to those directly involved in making retirement income policy as well as to researchers in this field, since it sets out a broad general framework in which to analyse policy choices. It will also be of interest to Canadians in general, particularly those in the younger generations, since it sets out the kinds of choices that will have to be made in the future and how these choices are affected by subsequent population growth.

## Personnel\*

Director — P. M. Cornell (Ph.D. Harvard)

### Full-time Professional Staff

H. Bartel (Ph.D. Indiana)

M. J. Daly (M.A. Essex)

C. Kapsalis (Ph.D. Rochester)

K. A. Patterson (M.A. York)

D. Wakid (M.A. Pittsburg)

P. Wrage (Ph.D. Indiana)

### Consultants

A. Asimakopulos

McGill University

John Burbidge

Quantec Research, Ltd.

E. Wayne Clendenning

E. Wayne Clendenning Consulting

Frank T. Denton

Quantec Research, Ltd.

Christine H. Feaver

Quantec Research, Ltd.

Susan Fletcher

Statistics Canada

Joel Fried

University of Western Ontario

Peter Howitt

University of Western Ontario

J. A. Johnson

Quantec Research, Ltd.

Michael Parkin

University of Western Ontario

James E. Pesando

University of Toronto

Samuel A. Rea, Jr.

University of Toronto

A. Leslie Robb

Quantec Research, Ltd.

Byron G. Spencer

Quantec Research, Ltd.

Catherine Starrs

Ottawa

Leroy Stone

Statistics Canada

William R. Waters

University of Toronto

Harry Weitz

Ottawa

\*All staff for part of the year.

## Financial Markets

The Financial Markets Group was set up in 1973 to undertake a major study on the Canadian financial system and to offer recommendations on ways to improve the efficiency of financial-resource allocation in the country. The first two phases of the research program dealt with deposit-taking institutions and the maintenance of retirement income for older Canadians, respectively. Before

the second phase came to an end, research started on the third phase, dealing with the role of government as a financial intermediary. More precisely, Phase III considers direct lending, loan guarantees, and loan insurance by government departments and government financial intermediaries at the federal and provincial levels.

Although government is the second largest financial intermediary in the country (after the chartered banks), with a stock of assets of \$89 billion and a stock of guarantees of \$50 billion as of March 31, 1978 it is the least studied of all financial intermediaries. The Council's study will attempt to further public understanding of the operation and economic impact of government financial intermediation in the context of the pursuit of an improved efficiency of financial resource allocation.

There are two dimensions of government financial intermediation: an intra-sectoral transfer of funds, from one government department to another; and an intersectoral transfer of funds, from government to the private sector. The study concentrates on the latter aspect and, to further narrow down the scope of the analysis, it deals mainly with the flow of funds to four areas of economic activity: small- and medium-size businesses, agriculture and fisheries, housing, and export activities. (These four areas account for 80 per cent of the transfer of funds from government to the private sector.)

The Council's study takes as given the presence of government in financial markets as a financial intermediary — that is, it does not question the reasons that originally prompted this intervention — and conducts an impact analysis of this presence. The study considers the impact of government financial intermediation on resource allocation (financial and real), on income distribution and on stabilization policies. It also examines at the operation of the various government financial institutions and programs and at the internal efficiency of this operation in view of the objectives pursued by government (filling a credit gap and/or achieving some social benefits). As an important by-product, the study attempts to determine the state of the markets for financing small- and medium-size businesses, agriculture, housing, and export markets. Finally, the study looks at alternative ways of achieving the same objectives (e.g., capital grants, tax incentives, etc.).

This study should be of interest not only to the governments who run these programs and to the businessmen and individuals who benefit from them, but also to a broad spectrum of the public who should gain a better understanding of government financial intermediation.

The study should be completed by the end of 1981. However, the analysis of government financial intermediation in supplying funds to small- and medium-size businesses may be completed before the end of 1980.

## Personnel

Director — A. Ryba (M.A. Chicago)

### Full-time Professional Staff

J.-A. Boulet (M.A. Montreal)  
C. McCaughey (M.A. Queen's)  
B. M. Papillon (M.A. Laval)

### Consultants

J.-M. Gagnon  
Laval University  
J. Mintz  
Queen's University  
H.-P. Rousseau  
Laval University  
A. Wohl  
Ottawa  
R. Boadway  
Queen's University  
N. Bruce  
Queen's University  
D. Dale  
Carleton University

## Growth and Productivity

The Growth and Productivity Group was set up to provide co-ordination of growth-related research within the Council, to conduct research on its own within an appropriate macroeconomic framework, and to produce a consensus report on Canada's prospects for economic growth in the 1980s.

Provision for the group was made in early 1979. The main work did not get underway until the end of that year, however, since the nucleus of the group was provided by staff members who had previously been working on the Council's retirement income project.

Work is in progress on interindustry differences in performance (including the impact of such factors as tariff protection and industry concentration), as well as on alternative frameworks of accounting for economic growth. Work has also been started on the relationship of capital investment to economic growth, with particular emphasis on defining the quality of capital inputs. Further work on refining measures of the quality of labour inputs, as well as investigation of such topics as capital utilization, is expected to come on stream later.

In addition to its own studies, and as part of its co-ordinating role, the group is also assisting in preparation of the Council's *Seventeenth Annual Review*.

**Personnel\***

Director — P. M. Cornell (Ph.D. Harvard)

Full-time Professional Staff

M. J. Daly (M.A. Essex)  
A. deSilva (Ph.D. McGill)  
K. A. Patterson (M.A. York)  
D. Wakid (M.A. Pittsburg)

Consultants

T. Hazledine  
Queen's University

\*All staff for part of the year.

**Technological Change, Productivity, and Growth**

This group is undertaking a research program designed to isolate and analyse the strategic factors affecting technological change, productivity and growth processes of Canadian firms and industries. The primary objective of these studies is to produce results that will be used to assess the effectiveness of the existing set of Canadian industrial policies and to formulate recommendations for the development of improved policies. An important aim of the basic research program is to improve our understanding of how new technology and organizational forms are developed and applied in the Canadian economy and the effects that this process has on the productivity and competitiveness of Canadian firms and industries. The following four broad areas have been selected for intensive analysis:

- Firm-level studies of the process of innovation and diffusion in selected Canadian industries;
- International technology transfer and the international competitiveness of Canadian industries;
- Productivity and technological change in Canadian service industries; and
- Inter-industry analyses of factors affecting the competitiveness of Canadian industry.

In the first year of the program, research efforts have concentrated on the firm-level studies of technological change processes based on a survey of

innovations in five manufacturing and resource industries. These studies analyse the sources of technology accessible to firms for their major innovations, leads and lags in introducing innovations in Canada, the R & D activities of firms, the relative costs of innovating, and the factors affecting the decision to innovate. The aim of these studies is to improve our understanding of the nature of technological advance processes in firms and industries with differing characteristics (e.g., small and large firms, Canadian- and foreign-controlled industries) and the factors influencing these processes. Other studies underway examine the factors influencing international technology transfers, the measurement of technological advance in Canadian industries, productivity linkages among industries, and innovation processes in selected service industries. Further research is planned relating to the management of innovation in firms, the structural factors affecting productivity and technological advance in Canadian industries, factors affecting the rationalization process in Canadian industries, and an assessment of government policies to encourage innovation and technological advance.

These studies are designed to place the Council in a better position to contribute to the ongoing debate on appropriate industrial policy frameworks for the Canadian economy. The range of instruments constituting Canada's industrial policy framework is very broad; it includes policies concerned with trade, science, R & D, procurement, competition, foreign ownership, micro-oriented fiscal measures, technology transfer, industrial relations, patents and trademarks, rationalization, management improvement, etc. The basic research carried out under this project ultimately focuses on the role of government in creating an economic environment that effectively encourages technological advance, productivity, and growth of Canadian firms and industries.

#### **Personnel**

Director — D. P. De Melto (Ph.D. McGill)

##### Full-time Professional Staff

K. McMullen (M.A. Carleton)  
H. Postner\* (Ph.D. Minnesota)  
M. Simoneau (L.Sc.Com. H.E.C.)  
A. Tarasofsky\* (Ph.D. McGill)  
L. Wesa\* (B.A. Lakehead)  
R. Wills (Ph.D. University of Washington)

##### Consultants

Steven Globberman  
York University  
D. G. McFetridge  
Carleton University

\*For part of the year.

## Labour Markets

The principal purpose of this group is to undertake a major program of research on the Canadian labour market and the various forces affecting its operation. The output of this work will have two basic destinations: the Council's *Seventeenth Annual Review* and a major Council report on labour markets. In addition, a number of research studies and discussion papers treating various labour market topics will be produced. The work of the group is intended to be relevant to the interests and policy concerns of a number of organizations in the public and private sectors, including departments and agencies of both the federal and provincial governments and private business concerns.

During the course of the year, besides undertaking research on labour markets, the group also brought to a conclusion its work on various aspects of incomes in Canada. Efforts in this area culminated in the organization of the Conference on Canadian Incomes, which was held in Winnipeg in May 1979. A collection of major papers from that Conference are being published by the Council, and other background papers prepared for the Council are being made available. In addition, a study on earnings disparities among linguistic groups in the Montreal labour market has been completed and will be published shortly. Also, Discussion Papers on labour markets and sex differences in earnings, on the distributive and redistributive impact of government health insurance programs, on the evaluation of an alternative unemployment insurance plan, and on the characteristics of the low income population in Canada were brought out during the year. This work has proven of particular interest to government departments and agencies.

The group's work on labour markets, can be divided into three broad parts.

The first is an overview of the labour supply and demand situations in the 1980s. Here the group is concerned with existing and improved aggregate demand-side forecasts and with labour market participation rate modeling. In addition, the group has conducted a survey to obtain information on the extent and nature of both present and future skill shortages in Canada. The results should be of particular interest to the private sector. In the labour demand context, the group is also interested in the state of manpower planning at the establishment level in the private sector, the potential impact of technological change on labour market demand, and the extent to which existing and future jobs can be classified as "good" (core labour market) or "bad" (peripheral labour market).

The second part of the group's work examines what can be done to correct labour market imbalances in the 1980s. Three basic elements are involved. The first includes those approaches in which the characteristics of workers are changed (e.g., manpower training and education). The second element involves the role of wages — what is paid for particular characteristics — in correcting labour market imbalances. And the third element involves those approaches in which the characteristics and wages of workers are taken as given, while institutional or other aspects are modified. Here the concern is with the role of job search and ways to improve its effectiveness; with the roles of institutional aspects such as occupational licensing, minimum wages, and unemployment insurance; with mobility; and with employment creation. This work should be of broad interest to both governments and the private sector.

The third part involves research on various aspects of labour market measurement, including work on the unemployment gap, on voluntary unemployment, on labour market flows by occupation, on long-term unemployment, and on absenteeism and turnover.

Over the course of the year, studies on the minimum wage in Canada and on the determinants of turnover have been approved for publication. In addition, Discussion Papers dealing with such questions as discouraged and additional workers, the unemployment gap, and the relationship between reservation wage and duration of job search have appeared.

## Personnel

Director — D. W. Henderson (Ph.D. M.I.T)

### Full-time Professional Staff

G. Betcherman (M.A. Carleton)  
 J.-A. Boulet\* (M.A. Montreal)  
 J. E. Cloutier (M.B.A. Queen's)  
 P. de Broucker (Doctorat,  
 3<sup>e</sup> cycle Paris-Dauphine)  
 S. K. Gera (M.A. McMaster)  
 M. A. Hasan (Ph.D. Queen's)  
 N. Leckie (B.Com. Carleton)  
 K. Newton (Ph.D. Simon Fraser)  
 D. M. Paproski\* (M.A. Alberta)  
 T. Siedule (M.A. Simon Fraser)

### Consultants

J.C.R. Rowley  
 McGill University  
 Monica Boyd  
 Carleton University  
 Elizabeth Humphreys  
 Carleton University

\*For part of the year.

## Regional Studies

The analytical work undertaken by the Regional Studies Group had two principal focuses during the year. In the first place, research continued on the forces underlying regional economic development and adjustment to economic change, and on the power of governments to influence these forces. This research had three main thrusts. First, a major investigation continued into the source of the 30 to 50 per cent variation in productivity performance among Canada's provinces. Parallel analyses examined the size and sources of provincial productivity differences in manufacturing and in selected service industries, beginning with a detailed analysis of the health sector. Secondly, work was initiated on modeling dynamic relationships among regions in the Canadian economy. This analysis sought to explain how fluctuations in economic activity spread from one region to another and from other countries to the various Canadian regions, as well as to determine the extent to which national economic policy can be used to reduce regional employment disparities. Thirdly, research was initiated on the adjustment mechanisms to economic change in the regions, beginning with research on the determinants and consequences of internal migration for aggregate labour market behaviour.

The second major aspect of the group's work during the past year involved the problems related to fiscal federalism, focusing particularly on issues arising from intergovernmental transfers and transfers from governments to persons that have important regional effects. The postwar period has seen substantial growth both in such payments and in nonfederal government expenditures relative to federal government expenditures. Major changes in the economic environment have affected some of these payments and, in the *Sixteenth Annual Review*, the Council drew attention to signs of emerging structural imbalance between the revenues and expenditures of the various levels of government. Federal legislation relating to intergovernmental fiscal arrangements expires in 1982, and the Council is considering issues in this area as a possible theme for the *Eighteenth Review* (1981).

### Personnel

Director — D. O. Sewell (Ph.D. Duke)

#### Full-time Professional Staff

L. Auer (Ph.D. Iowa State)  
G. Fortin\* (M.A. Laval)  
D. Gauthier\* (B.Sc. Montreal)  
B. MacDonald (M.A. Carleton)

#### Consultants

R. M. Bird  
University of Toronto  
P. Fortin  
Laval University

K. McMullen\* (M.A. Carleton)  
J. Menic\* (B.A. Queen's)  
K. Mills\* (B.A. Queen's)  
A. Moroz\* (M.A. Carleton)  
B. Rosenfeld\* (Ph.D. Pennsylvania)

T. Hazledine  
Queen's University  
K. Norrie  
University of Alberta

\*For part of the year.

## Newfoundland Reference

Early in 1978, the Council received a request from the Prime Minister of Canada to study problems related to the Newfoundland economy. The terms of reference were as follows:

The study by the Economic Council of Canada, *Economic Development Problems and Opportunities in Newfoundland*, is intended to analyse alternative means of

- reducing the unemployment rate in Newfoundland,
- raising earned incomes in Newfoundland, especially through raising productivity and employment,
- reducing the dependency of Newfoundland on transfers, and
- assisting the Newfoundland government to plan its development strategy in the medium term.

In its analysis the Council should extend the line of enquiry which was pursued in the Council document, "Living Together: A Study of Regional Disparities," which assigns a prominent role to low productivity as one of the principal factors responsible for high unemployment and low economic performance. The study should be done in close consultation with both the Federal Department of Regional Economic Expansion and the Government of Newfoundland, and should give due consideration to the social and economic objectives of the Province.

Research projects (commenced in the summer of 1978) continued according to plan with much of the work being done in the Council's office in St. John's. Virtually all in-house research staff and external consultants worked some time in Newfoundland. Personal interviews were carried out with a random sample of several hundred workers in Newfoundland and Ontario in April 1979, within the framework of a Labour Market Comparison Survey carried out by Statistics Canada under contract for the Council's Newfoundland Reference. Contract staff also interviewed managers in some 350 establishments in

Newfoundland, Ontario, and Nova Scotia, under the terms of establishment-level productivity studies in nine industries. Internal seminars to review work in progress were held in St. John's and Ottawa during May 1979. The first drafts of some two dozen studies were turned in between August and November 1979, and a series of internal seminars were held to review this work. Several studies were submitted to referees during January 1980. Most of the remaining studies will be released as supporting papers. The Council's report is expected to be published at the end of the summer of 1980.

The Council met in St. John's in June 1979, toured part of the Avalon Peninsula, and considered some early draft documents and major areas for possible policy recommendations. Senior research staff and the Council's Advisory Committee to the Newfoundland Reference consulted informally in Newfoundland with a substantial number of persons active in labour, business, and civic activities. These consultations proved extremely helpful. In December, the Council considered the first draft of proposed recommendations. Staff prepared the first entire draft of the consensus report during December-January. It was reviewed in detail by the Federal-Provincial Advisory Committee (with the help of public servants in St. John's, Moncton, and Ottawa), as well as by the Council's own Advisory Committee, before being redrafted for submission to the Council in April 1980.

The Council will draw upon the Reference's productivity studies for the *Seventeenth Annual Review*. There is close contact and co-operation with the Council's Regional Studies and Labour Market Groups, especially in migration and labour studies.

Representatives of various provincial governments and universities, as well as federal public servants, have already expressed interest in various aspects of the research because of its considerable policy significance in the areas of unemployment insurance, income maintenance, migration, productivity issues, fishery policy, and government policies on subsidization and employment.

**Personnel**

Director — L. Copithorne (Ph.D. Minnesota)

Full-time Professional Staff

Ottawa

R. Cournoyer (M.A. McGill)

Consultants

M. Ash

ESM-Energy Systems Management  
Associates

F. Flatters\* (Ph.D. Johns Hopkins)  
M. Gudmundsson\* (Ph.D. Manitoba)  
P. Kovacs (M.A. Western)  
R. Krelove\* (M.A. Queen's)  
G. Macmillan\* (M.B.A. Queen's)  
H. Postner\* (Ph.D. Minnesota)  
J. Wilby\* (M.A. Alberta)  
R. Zuker (M.A. Pennsylvania)

St. John's

D. Briffett\*  
B. Bursey\*\* (M.B.A. British Columbia)  
D. Hogan\* (B.A. Memorial)  
B. Hollett\*  
D. Petite\*  
P. Reid\*\*\* (M.A. Cambridge)  
P. Shea\*  
P. Smith (M.A. Alberta)  
J. Wilson (M.A. Guelph)

R. Boadway  
Queen's University  
S. Ferris  
York University  
B. Geiger  
Peat, Marwick & Partners  
W. Good  
University of Manitoba  
J. Gray  
University of Manitoba  
A. Green  
Queen's University  
C. Hodgins  
Canecs Ltd.  
R. Knight  
ESM-Energy Systems Management  
Associates  
G. Munro  
University of British Columbia  
N. Olewiler  
Queen's University  
C. Plourde  
York University  
C. Pye  
Centre for Resource Studies,  
Queen's University  
C. Riddell  
University of Alberta  
N. Roy  
Memorial University  
W. Schrank  
Memorial University  
N. Swan  
Mathtech, Inc.  
E. Tsoa  
Memorial University

\*For part of the year.

\*\*Seconded from Newfoundland Government.

\*\*\*Seconded from DREE.

## Regulation Reference

The Regulation Reference originated in discussions at the meeting of First Ministers on February 13, 14 and 15, 1978. The Communiqué issued at the close of the meeting said, in part:

The burden of government regulation on the private sector should be reduced and the burden of overlapping federal and provincial jurisdictions should be eliminated. Procedures will be instituted to review the effects of regulatory action on jobs and costs. First Ministers agreed that the whole matter of economic regulation at all levels of government should be referred to the Economic Council for recommendations for action, in consultation with the provinces and the private sector.

After extensive consultation with individuals and groups in the private sector, a research agenda was developed and submitted in a *Preliminary Report to First Ministers* on the Regulation Reference in November 1978. Part V of the Report contained a summary of the regulatory review activities of the provincial governments and a number of federal departments. The research areas selected for study were:

### I Framework Studies

- The growth and changing scope of regulation
- The objectives of government regulation
- Alternative techniques for achieving regulatory objectives
- Approaches to the evaluation of regulation
- The regulatory process

### II Specific Studies

- (a) By type of regulation
  - Occupational health and safety
  - Hazardous products
  - Land use/building codes
  - Environmental protection
- (b) By industry
  - (i) Structurally competitive
    - Trucking
    - Taxi cabs
    - Agriculture
    - Marine fisheries

(ii) Other

- Automobiles
- Telecommunications
- Food processing, distribution, and retailing
- Airlines
- Prescription drugs

(c) At the level of the firm

- Costs of compliance

To help consider the substance and implications of the research, the Council also draws on a Federal-Provincial Consultative Committee on Regulation and on Project Advisory Committees — one for each of 12 of the “specific” studies listed.

Based on the initial findings of some of the framework studies, including a rigorous examination of the growth, purposes, and types of regulations and regulatory agencies, the Council issued an interim report, entitled *Responsible Regulation*, in November 1979. In that document the Council recommended that, before implementing major new regulations, governments undertake and publish a full evaluation of the amount and incidence of their likely benefits and costs. The Council also urged that government departments and statutory regulatory agencies periodically undertake and make public a systematic evaluation of all their regulatory programs. It took the view that the practice of appeals to Cabinet from decisions made by statutory regulatory agencies should in almost all cases be abolished, and it recommended that, instead, the governing statutes of the agencies should be amended so as to enable the Cabinet to influence the behaviour of an agency by the issue of binding directives on general policy.

By the end of the fiscal year under review, the Reference management had received first drafts of most of the research. Through the auspices of the Institute for Research on Public Policy, a number of the framework studies were published: *Public Policy Decision Making and Regulation* by Douglas G. Hartle; and studies in *Government Regulation: Scope, Growth, Process*, edited by W. T. Stanbury. A working paper entitled “Rationalizing the Regulatory Decision-Making Process: The Prospects for Reform,” by G. Bruce Doern, was issued by the Economic Council.

The Council will be releasing additional authored ‘framework’ and ‘specific’ studies as appropriate, and expects to issue its *Final Report* on government regulation by December 1980.

## Personnel

Executive Director — R. A. Jenness (M.A. Queen's)

Director of Research — W. T. Stanbury (Ph.D. California, Berkeley)

Senior Advisor to the Chairman — Gail C. A. Cook (Ph.D. Michigan)

### Full-Time Professional Staff

A. Ellison (M.A. Leicester)

P. K. Gorecki (Ph.D. London School  
of Economics)

R. Hirshhorn (M.A. Toronto)

### Consultants

Robert Anderson

Toronto

Carman Baggeley

Ottawa

G. Bruce Doern

Carleton University

H. N. Janisch

University of Toronto

Eric A. Milligan

Ottawa

Benoît Papillon

Ottawa

Margot Priest

Ottawa

R. J. Schultz

McGill University

Fred Thompson

University of California, Los Angeles

Aron Wohl

Ottawa

## **Administration and Support Services**

As an economic research and policy advisory agency created by Parliament, the Economic Council of Canada does not implement or administer government policies or programs. The Chairman is the chief executive officer of the Council. An Executive Committee, consisting of the Chairman, the two Directors, and four Council members, has overall responsibility for the financial affairs of the Council.

Funds required for salaries and other expenses are paid out of moneys appropriated by Parliament, and the Council's annual statements of expenditure are audited by the Auditor General of Canada.

Various functions and technical services exist in support of the Council and its research and advisory work. The heads of administration and support services during the year ending March 31, 1980, are listed below.

### **Personnel**

Secretary-General and Director of Administration — P. Robert (D.Sc. Paris éco.)

Council Secretary — W. E. Haviland (Ph.D. Harvard)

Executive Assistant to Chairman — K. Bouey (Hon.B.A. Carleton)

Communications — D. C. Hanright

Data Processing — R. A. Stewart (Ph.D. Tokyo)

Librarian — I. Lackner (B.L.S. McGill)

## SEMINARS

Thirteen seminars with open attendance took place at the Council during the year under review. Three of these seminars were led by Council economists and ten featured well-known economists from outside the Council. A list of the seminars follows.

April 6, 1979 - "Non-Pecuniary Consequences of Regulation" - Paul Weaver, Planning Director, Economic Communications, Ford Motor Company (U.S.), Dearborn, Michigan.

May 8, 1979 - "Some Considerations of the Distribution of Wealth - The U.K. Context" - Dorothy Wedderburn, Department of Social and Economic Studies, Imperial College of Science and Technology, London, England.

May 15, 1979 - "An Economic Evaluation of a Deep-Sea Fleet" - David Sewell, Economic Council of Canada.

May 22, 1979 - "Revival of Long Cycle Theory" - Walter W. Rostow, University of Texas at Austin.

June 27, 1979 - "Modelling" - Lawrence R. Klein, University of Pennsylvania.

August 16th, 1979 - "Will Productivity Improvements Increase Employment?" - Frank Flatters, Economic Council of Canada.

September 13, 1979 - "Aspects of the Newfoundland Labour Market: A Labour Force Survey" - Paul Kovacs and Lawrence Copithorne, Economic Council of Canada.

November 30, 1979 - "Structure of Multi-regional Models" - William Milne, Scarborough College, University of Toronto.

December 5, 1979 - "Future Telecommunications Beyond Regulation" - Manley Irwin, University of New Hampshire.

December 19, 1979 - "The Effect of Energy Price Increases on the Economic Outlook" - Helen B. Junz, Vice-President and Area Manager, Business and Economic Research Division, First National Bank of Chicago.

February 6, 1980 - Informal seminar relating to research on technological change - Melvyn A. Fuss, Institute for Policy Analysis, University of Toronto.

February 8, 1980 - "A Model of Canadian Price Behaviour by Stage Process" - Joel Popkin, Joel Popkin and Company, Economic Consultants, Washington.

March 17, 1980 - "Unemployment Insurance and the Theory of Labour Supply" - Pierre Fortin, Université Laval.



## SPECIAL ACTIVITIES OF FULL-TIME MEMBERS OF COUNCIL AND STAFF

In its research, the Economic Council of Canada benefits from close working relationships with other federal agencies and departments. The Council also strives to consider the views and problems of groups and regions across Canada. Contacts are maintained by means such as discussions with provincial governments and with associations that reflect various economic interests in the private sector. Also, with a view to their own professional development, staff members are encouraged to submit articles for publication in scholarly journals and to participate actively in public conferences. The following list of special activities of full-time Council members and staff indicates the scope of these efforts during the year ending March 31, 1980.

Betcherman, G. (with K. Newton and N. Leckie), "Organizational Variables in the Determination of Quit Rates," *Atlantic Economic Journal*, September 1979.

\_\_\_\_\_, (with J. Harp), "Contradictory Class Location and Class Action: The Cases of Secondary School Teachers' Organizations in Ontario and Quebec," *Canadian Journal of Sociology*, Spring 1980.

\_\_\_\_\_, "Present and Future Skill Shortages," speech presented at "People and Products in the 1980s," a conference organized by the Canadian Manufacturers' Association, Toronto, March 1980.

Boulet, J.-A. (with G. Grenier), "The Future of Public Health Care Expenditures in Canada," presented to the Department of National Health and Welfare, Planning and Information Services, Ottawa, April 1979.

\_\_\_\_\_, "La remise en question du rôle de l'État: le cas de la santé," paper presented to the Société canadienne de science économique Conference, University of Montreal, May 1979.

\_\_\_\_\_, collaborator on G. Grenier's text, "Perspectives d'avenir des dépenses publiques de santé: une analyse de long terme," presented to the Société canadienne de science économique Conference, University of Montreal, May 1979.

\_\_\_\_\_, "The Origin of Linguistic Earnings Disparities Between Francophone and Anglophone Male Workers in the Montreal Metropolitan Area in 1970," paper presented to the Canadian Incomes Conference, Winnipeg, May 1979.

\_\_\_\_\_, interview for CBC regional news in conjunction with the Canadian Incomes Conference in Winnipeg, May 1979.

\_\_\_\_\_, interview for the CJAD program "Sounds like Montreal" in conjunction with the Canadian Incomes Conference in Winnipeg, Montreal, May 1979.

\_\_\_\_\_, (with C. Veltman and C. Castonguay), "The Economic Context of Bilingualism and Language Transfer in the Montreal Metropolitan Area," *Canadian Journal of Economics*, August 1979.

- \_\_\_\_\_ (with the collaboration of G. Grenier), "Les dépenses publiques dans le secteur de la santé au Canada: perspectives d'avenir suite aux récentes projections démographiques publiées par Statistique Canada," paper presented to the Canadian Federation of Demographers, University of Montreal, October 1979.
- \_\_\_\_\_, collaborator on G. Grenier's text, "Comparaison de l'incidence de l'évolution démographique et d'autres facteurs sur les dépenses futures de santé au Canada," presented to the Canadian Federation of Demographers, University of Montreal, October 1979.
- \_\_\_\_\_, participant as a resource person at a round-table discussion of the integration of young economists into the labour market, Department of Economics, University of Montreal, November 1979.
- \_\_\_\_\_, guest of the Canadian Hospital Association for a round-table discussion of Economic Council of Canada Discussion Paper No. 123, "Health Expenditures in Canada and the Impact of Demographic Changes on Future Government Health Insurance Program Expenditures," Ottawa, January 1980.
- \_\_\_\_\_, referee for the *Canadian Journal of Economics* and *Actualité économique*.
- Braithwaite, F. C., assessor of research project proposal, "Expectations and the Specification on Rental Costs in Investment Analysis," submitted to the Social Services and Humanities Research Council of Canada, October 1979.
- Copithorne, L. W., "Natural Resources and Regional Disparities: A Skeptical View," *Canadian Public Policy*, Spring 1979.
- \_\_\_\_\_ (with P. J. Kovacs), "Aspects of the Newfoundland Labour Market," *Proceedings, Atlantic Canada Economic Association*, St. Francis Xavier University, Antigonish, October 1979.
- \_\_\_\_\_, participant at workshop on fishery management and development policy sponsored by Fisheries and Oceans Canada, Dalhousie University, Halifax, January 1980.
- Cornell, P. M., "The Economic Impact of Canada's Retirement Income System," speech at the Third Conference, Financial Research Foundation of Canada, Mont Ste. Marie, Quebec, October 1979.
- \_\_\_\_\_, "Economic Implications of an Aging Canadian Population," speech at the Fourth Annual Conference, Senior Centres Organization of Canada, Halifax, November 1979.
- \_\_\_\_\_, "One in Three: Pensions for Canadians to 2030," speech to the Association of Canadian Pension Management, Toronto, November 1979.
- \_\_\_\_\_, participation in discussion of "Perspective on Commercial Policy: The United States and Canada in the Eighties," National Planning Association, Washington, December 1979.
- \_\_\_\_\_, "The Pension Ball Park," address to the Sixth Compensation and Human Resources Conference of the Conference Board in Canada, Toronto, January 1980.
- \_\_\_\_\_, "ECC Pension Report Punctures Myths," published in *Perception*, Jan.-Feb. 1980.

- \_\_\_\_\_ (with K. Patterson), "Canada's Retirement Income System," presentation at a session sponsored by the Faculty of Social Work and the Department of Economics, University of Regina, March 1980.
- \_\_\_\_\_, "The Pension Mountain," address sponsored by the Faculty of Social Work and the Department of Economics, University of Regina, March 1980.
- Daly, M., resource person for the national pension specialist meeting of the National Union of Provincial Government Employees, Toronto, March 1980.
- \_\_\_\_\_, liaison with the Industrial Inquiry Commission on Retirement Age Policy in New Brunswick, Fredericton, Feb.-Mar. 1980.
- \_\_\_\_\_, "The Role of Government Tax-Transfer Programmes and the Structure of Personal Income Taxation in Canada's Retirement Income System," *Canadian Tax Journal*, Mar.-Apr. 1980.
- \_\_\_\_\_ (with H. Bartel and P. Wrage), "Reverse Mortgages or 'How to Have Your Cake and Eat It'," *Journal of Risk and Insurance*, Spring 1980.
- Ellison, A. P., *The Effects of Rising Energy Costs on Canadian Industries*, Canadian Energy Research Institute Study No. 3, Calgary, April 1979.
- Gera, S. K. (with A. Hasan), "Job Search and Duration of Unemployment: An Empirical Analysis," paper presented at the Annual Meeting of the Eastern Economic Association, Boston, May 1979.
- \_\_\_\_\_ (with D. Paproski), "Impact of Age on Commuter Mobility," paper presented to the Studies in Canadian Population Conference, Saskatoon, May 1979.
- \_\_\_\_\_ (with A. Hasan), "Reservation Wage, Duration of Job Search and the Resulting Wage," paper presented at the Annual Meeting of the Western Economic Association, Las Vegas, June 1979.
- \_\_\_\_\_, "Age and the Journey-to-Work: Some Further Empirical Evidence," *Socio-Economic Planning Sciences*, Vol. 13, No. 5.
- \_\_\_\_\_ (with P. Kuhn), "Occupation and Job Location Patterns: An Analysis of the Toronto Census Metropolitan Area," *Canadian Geographer*, Vol. XXIII, No. 3.
- Gorecki, P. K., "An Overview of the Regulation Reference," address, Industrial Advisory Council, University of Waterloo, October 1979.
- \_\_\_\_\_ (with W. T. Stanbury), "Canada's *Combines Investigation Act*: The Record of Public Law Enforcement, 1889-1976" in J.R.S. Prichard, W. T. Stanbury and T. A. Wilson (eds.), *Canadian Competition Policy, Essays in Law and Economics*, Butterworths, Toronto, 1979.
- \_\_\_\_\_ (with W. T. Stanbury, assisted by C. St. Clair), "A Bibliography of Canadian Anti-Combines Legislation, 1889-1979" in Prichard, Stanbury and Wilson (eds.) *Canadian Competition Policy, Essays in Law and Economics*, Butterworths, Toronto, 1979.
- \_\_\_\_\_, "A Problem of Measurement, From Plants to Enterprises in the Analysis of Diversification: A Note," *Journal of Industrial Economics*, March 1980.

Hasan, A. L. (with S. Gera), "Job Search and Duration of Unemployment: An Empirical Analysis," paper presented at the Annual Meeting of the Eastern Economic Association, Boston, May 1979.

\_\_\_\_\_, (with S. K. Gera), "Reservation Wage, Duration of Job Search and the Resulting Wage," paper presented at the Annual Meeting of the Western Economic Association, Las Vegas, June 1979.

\_\_\_\_\_, "Current Developments in Canadian Labour Markets," lecture to the Association of Teachers in Economics, Eastern Ontario Institutes of Technology, North Bay, May 1979.

\_\_\_\_\_, address to the meeting of regional Economists, Canada Employment and Immigration Commission, Ottawa, October 1979.

\_\_\_\_\_, participant in discussions on Canada Manpower Training Program with planners of education and training programs, provincial governments of Manitoba, Saskatchewan, Alberta, British Columbia and Ontario, February 1980.

Haviland, W. E., member, Construction Industry Development Council, an advisory body to the Minister of Industry, Trade and Commerce of Canada, Ottawa, to June 1979.

\_\_\_\_\_, Canadian member and Correspondent, Donaueuropaisches Institut (Organization for International Economic Relations), Vienna.

\_\_\_\_\_, meetings with representatives from United Kingdom, Eire, United States, Netherlands, U.S.S.R., and German Democratic Republic, Ottawa.

\_\_\_\_\_, meetings with representatives of CIDA, Canadian Hospital Association, Science Council, Crown Corporations Task Force, Economics Departments of the University of Saskatchewan and Memorial University, and the Canadian Energy Research Institute.

\_\_\_\_\_, "The Canadian Economy Now and Medium-Range Future," lecture, Public Service Commission Senior Management Development Course, Touraine, April 1979.

\_\_\_\_\_, guest, the Mining Association of Canada Annual Meeting and Dinner, Hull, May 1979.

\_\_\_\_\_, "Coping with Financial Costs of Housing" in *Housing in North America and the Public Interest*, Proceedings of 20th Annual Canadian-American Seminar, University of Windsor, November 1979.

\_\_\_\_\_, guest, annual reception and dinner, Canadian Gas Association, Ottawa, November 1979.

\_\_\_\_\_, (with L. Auer), "Medium-term Outlook Issues," Canadian Pulp and Paper Association Industry Development Section, Ottawa, December 1979.

\_\_\_\_\_, guest, Canadian Pulp and Paper Association Annual Luncheon, Montreal, February 1980.

\_\_\_\_\_, member, Senior Executive Staffing Selection Board, Public Service Commission, Ottawa, February 1980.

- Henderson, D. W., member, Interdepartmental Committee on Social Indicators, Ottawa.
- \_\_\_\_\_, member, Interdepartmental Committee on Science Expenditures, Ottawa.
- \_\_\_\_\_, member, Climate Planning Board, Ottawa.
- \_\_\_\_\_ (with J.C.R. Rowley), "Partial Standardization of Canadian Family Incomes for Changes in Composition and Other Characteristics," paper published in *The Proceedings of the American Statistical Association*, 1979.
- \_\_\_\_\_ (with D. M. Paproski and J.C.R. Rowley), co-organizer, Conference on Canadian Incomes, Winnipeg, May 1979.
- \_\_\_\_\_ (with J. E. Cloutier), research team member in a cross-national study sponsored by the U.S. government and entitled "Income Maintenance from a Family Policy Perspective."
- Leckie, N. (with K. Newton and G. Betcherman), "Organizational Variables in the Determination of Quit Rates," *Atlantic Economic Journal*, September 1979.
- \_\_\_\_\_ (with K. Newton and B. O. Pettman), "The Quality of Working Life," *International Journal of Social Economics*, Vol. 6, No. 4.
- Le Saux, L., address on the demands of economic translation, Parliamentary Section of the Translation Bureau, Secretary of State Department, Ottawa, February 1980.
- Lévesque, R. J., "The Outlook for the Economic Council of Canada," luncheon address before B.C. Association of Professional Economists and B.C. Association of Financial Analysts, Vancouver, April 1979.
- \_\_\_\_\_, chaired meeting of OECD Country Survey Team, Ottawa, April 1979.
- \_\_\_\_\_, participant, meeting of ASDEQ, Montreal, April 1979.
- \_\_\_\_\_, participant, Conference on Canadian Incomes, Winnipeg, May 1979.
- \_\_\_\_\_, participant, seminar by W. Rostow "Revival of Long Cycle Theory," Ottawa, May 1979.
- \_\_\_\_\_, chaired Session on Social Indicators, International Conference on the Future of Public Administration, Quebec City, May 1979.
- \_\_\_\_\_, observer, Conference Board in Canada's Conference on the "Challenge of the Tokyo Round," Toronto, September 1979.
- \_\_\_\_\_, participant, meeting of Canadian Economic Policy Committee, Ottawa, November 1979.
- \_\_\_\_\_, observer, Conference Board in Canada's conference on "Consultation and Advocacy: Influencing Public Policy," Ottawa, November 1979.
- \_\_\_\_\_, luncheon meeting of the Ottawa Association of Applied Economics, Ottawa, November 1979.

- \_\_\_\_\_, address at a Seminar on Some Labour Market Experience, Department of Economics, University of Montreal, Montreal, November 1979.
- \_\_\_\_\_, appearance before the Senate Committee on National Finance, Ottawa, December 1979.
- \_\_\_\_\_, participant, ECC Conference on Regulatory Reform, Toronto, December 1979.
- \_\_\_\_\_, chaired seminar by Joel Popkin on "Canadian Price Behaviour by Stage of Process," Ottawa, February 1980.
- \_\_\_\_\_, meeting with P.E.I. officials of the Department of Development, Ottawa, February 1980.
- \_\_\_\_\_, chaired seminar by P. Fortin on "Unemployment Insurance and the Theory of Labour Supply," Ottawa, March 1980.
- \_\_\_\_\_, participant, Conference on Tax and Income Redistribution, Toronto, March 1980.
- Matthews, R. A. (with A. R. Moroz), "The Impact of Imports from Japan on Canadian Manufacturing," paper presented to Conference on Canada-Japan relations, York University, May 1979.
- \_\_\_\_\_, "Why Build on Myths?," article on industrial policy in *Report on Confederation*, Montreal, June 1979.
- \_\_\_\_\_, guest, Eighth Annual Conference in Canada, Public Affairs Council (Washington), Ottawa, October 1979.
- \_\_\_\_\_, participant, conference on "The Impact of the Microelectronics Revolution on Work and Working," Science Council of Canada, Ottawa, November 1979.
- \_\_\_\_\_, guest, Canadian Economic Policy Committee (Montreal), Ottawa, November 1979.
- \_\_\_\_\_, talk to group of Third World journalists, Ottawa, December 1979.
- \_\_\_\_\_, "Reconciling National Interest to the International System," article in *International Perspectives*, Ottawa, Sept.-Dec. 1979.
- McMullen, K., "Spatial Characteristics of Large Canadian Multi-Establishment Firms," paper presented at the I.G.U. Commission on Industrial Systems, Geography Symposium, Rotterdam, June 1979.
- Newton, K., member, Interdepartmental Committee on Labour Statistics, Ottawa.
- \_\_\_\_\_, referee for *Relations Industrielles*, *Canadian Public Policy*, and *Canadian Journal of Economics*.
- \_\_\_\_\_, panelist, Ontario Economic Council Outlook and Issues Conference, Toronto, April 1979.
- \_\_\_\_\_, discussant, Canadian Association of Administrators of Labour Law Conference, Ottawa, May 1979.

- \_\_\_\_\_, "QWL Research at the Economic Council of Canada," *Quality of Working Life*, Spring 1979.
- \_\_\_\_\_, participant, seminar on Technological Unemployment, Institute for Research on Public Policy, Montreal, June 1979.
- \_\_\_\_\_, research discussions and information exchange with the Institute of Manpower Studies and the Science Policy Research Unit, University of Sussex, Brighton, June 1979.
- \_\_\_\_\_, meetings for information exchange at Manpower Services Commission, Department of Employment, London, June 1979.
- \_\_\_\_\_ (with N. Leckie and G. Betcherman), "Organizational Variables in the Determination of Quit Rates," *Atlantic Economic Journal*, September 1979.
- \_\_\_\_\_, participant, seminar on Technological Unemployment, Science Council of Canada, Ottawa, November 1979.
- \_\_\_\_\_, meetings with Canada Employment and Immigration Regional Economists, Vancouver and Winnipeg, November 1979.
- \_\_\_\_\_, participant, seminar on Skill Shortages, Ontario Economic Council, Toronto, December 1979.
- \_\_\_\_\_, "Some Estimates of Labour Hoarding and Hidden Unemployment in Canada," paper presented to the Industrial Relations Research Association, Atlanta, December 1979.
- \_\_\_\_\_, (with N. Leckie and B. O. Pettman), "The Quality of Working Life," *International Journal of Social Economics*, Vol. 6, No. 4.
- \_\_\_\_\_, conference with Japanese Research Mission on Leisure and the Quality of Working Life, Institute for Research on Public Policy, Montreal, January 1980.
- \_\_\_\_\_, participant, Bank of Montreal "Outlook 80" Conference, Ottawa, February 1980.
- \_\_\_\_\_, participant, Trilateral Commission Seminar on Employment and Unemployment, Ottawa, Jan.-Feb. 1980.
- \_\_\_\_\_ (with T. Siedule), "Another Labour Market Indicator: Some Estimates and Implications of Labour Hoarding in Canada," *Canadian Public Policy*, Winter 1980.
- \_\_\_\_\_, "The Role of the Labour Market in the Macroeconomy," lecture to M.B.A. Students, Concordia University, March 1980.
- \_\_\_\_\_, participant, Seminar on Canada in the Age of Microelectronics, Carleton University, March 1980.
- Papillon, B. M., "Le rôle du taxi dans les transports," paper presented to the annual convention of the Conseil québécois du taxi, Quebec, October 1979. A summary of this paper was published in *Information Taxi*, February 1980.
- \_\_\_\_\_, interview for the CBC AM program "Antenne 5" on regulation of regular and share-the-ride taxis, Montreal, March 1980.

Patterson, K., panelist, "Pensions and Insurance in the 80s" at general meeting, Canadian Institute of Actuaries, Ottawa, March 1980.

\_\_\_\_\_, (with P. Cornell), "Canada's Retirement Income System," presentation at a session sponsored by the Faculty of Social Work and the Department of Economics, University of Regina, March 1980.

\_\_\_\_\_, "The Economic Impact of Canada's Retirement Income System," presentation at "Research Issues in Aging," a workshop sponsored by the Gerontology Research Council of Ontario, Toronto, March 1980.

Postner, H., "Canadian Implications of the United Nations World Input-Output Model," paper presented at Seventh International Conference on Input-Output Techniques, Innsbruck, April 1979.

\_\_\_\_\_, consultant to Institute for Economic Analysis, New York University, on integration of Canadian Statistics into the United Nations World Input-Output Model, New York, June 1979.

\_\_\_\_\_, "Two Statistical Development Problems for Statistics Canada: Some Proposals," paper prepared for Statistics Canada, Ottawa, September 1979.

\_\_\_\_\_, letter to the *Globe and Mail* commenting on newspaper article "Statscan still 2 years from better GNP data," Toronto, November 1979.

Rao, P. S. (with J. D. Whillans), "Where Does The Money Come From?: An Analysis of Personal Income," paper presented at the Conference on Canadian Incomes, Winnipeg, May 1979.

\_\_\_\_\_, (with S. Ostry), "Productivity Trends in Canada," paper presented at conference on Lagging Productivity Growth at the University of Toronto, May 1979.

\_\_\_\_\_, discussant for papers by Denny and May, and Brox and MacLean at the Canadian Economic Association Meetings, Saskatoon, June 1979.

\_\_\_\_\_, "Impact of Foreign Prices and Interest Rates on the Canadian Economy," paper presented at the Western Economic Association, Las Vegas, June 1979.

\_\_\_\_\_, visiting scholar, Indian Statistical Institute, Bangalore, September 1979.

\_\_\_\_\_, speaker at Bank of Canada seminar on "Linkages Between Real and Financial Sectors of the New CANDIDE Model," Ottawa, July 1979.

Robert, P. C., "L'inflation et les politiques anti-inflationnistes," seminar at the École Nationale d'Administration Publique (ENAP), Ottawa-Hull, May 1979.

\_\_\_\_\_, "Les problèmes de l'inflation," program in the television series "L'or et l'argent," Télémétropole, Montreal, June 1979.

\_\_\_\_\_, "L'inflation : où en sommes-nous?," address to the Sherbrooke Chamber of Commerce and the Association des Économistes Québécois (ASDEQ), Sherbrooke, May 1979, published in the journal *Commerce*, Montreal, September 1979.

- \_\_\_\_\_, "L'inflation et la productivité," seminar on productivity organized for the annual assembly of the Quebec Metal Mining Association, Château Montebello, June 1979; text published in the journal *Commerce*, Montreal, October 1979.
- \_\_\_\_\_, "L'avenir des régimes de retraite au Canada, problèmes et solutions," on the television program "D'une politique à l'autre," Télémétropole, Montreal, December 1979.
- \_\_\_\_\_, participant at the conference "Québec: Le défi des années 1980," organized by the Conseil du Patronat du Québec, Montreal, January 1980.
- Ryba, A., interview for the Télémétropole program "D'une politique à l'autre" on interest rates, Hull, October 1979.
- \_\_\_\_\_, participant as a resource person at a round-table discussion of the integration of young economists into the labour market, Department of Economics, University of Montreal, November 1979.
- \_\_\_\_\_, interview with Gilles Paquet for the CBC AM program "Antenne 5" on the financing of Canada's regions, Ottawa, December 1979.
- \_\_\_\_\_, interview for the CBC television program "Consommateurs-plus" on business finance, Ottawa, January 1980.
- \_\_\_\_\_, interview for the CBC news on the Bank of Canada's new monetary policy, Winnipeg, March 1980.
- Siedule, T. (with K. Newton), "Another Labour Market Indicator: Some Estimates and Implications of Labour Hoarding in Canada," *Canadian Public Policy*, Winter 1980.
- Slater, D. W., meeting of the Canadian Council on Social Development, Ottawa, April 1979.
- \_\_\_\_\_, participant, seminar by P. Weaver on "Non-pecuniary Aspects of Regulation," Ottawa, April 1979.
- \_\_\_\_\_, chaired meeting sponsored by Public Service Commission on "Impact of Science and Technology," Ottawa, April 1979.
- \_\_\_\_\_, chaired Working Party 4 meetings and attended Economic Policy Committee meetings of the OECD, Paris, April 1979.
- \_\_\_\_\_, speaker at Pacific Northwest Regional Conference on "The Currency Crisis - A Canadian Perspective," Vancouver, May 1979.
- \_\_\_\_\_, chaired seminar by D. Wedderburn on "The Diamond Commission in the U.K.," Ottawa, May 1979.
- \_\_\_\_\_, participant in a meeting of the Canadian Council on Social Development, Ottawa, May 1979.
- \_\_\_\_\_, participant in the ECC "Conference on Canadian Incomes," Winnipeg, May 1979.
- \_\_\_\_\_, participant in a meeting of the Canadian Council on Social Development, Program Planning Committee, Ottawa, May 1979.

- \_\_\_\_\_, Co-Chairman, Federal-Provincial Advisory Committee on Newfoundland Reference, St. John's, May 1979.
- \_\_\_\_\_, participant, seminar by W. Rostow on "Revival of Long Cycle Theory," Ottawa, May 1979.
- \_\_\_\_\_, addressed a group sponsored by Informetrica Limited on "Canadian Economic Problems," Ottawa, May 1979.
- \_\_\_\_\_, speaker at 63rd Annual Meeting and Convention of the Investment Dealers' Association of Canada on "The Canadian Economy in The 1980s," St. Andrews-by-the-Sea, May 1979.
- \_\_\_\_\_, panelist on Stabilization Policy, Western Economic Association Meeting, Las Vegas, June 1979.
- \_\_\_\_\_, participant in a seminar on the Newfoundland Reference, Ottawa, August 1979.
- \_\_\_\_\_, presented concluding summary of proceedings, Econetro-Monoco Economic Conference, Queen's University, August 1979.
- \_\_\_\_\_, participant, Canadian Council on Social Development "Planning for Social Policies for the 80's Conference," Ottawa, September 1979.
- \_\_\_\_\_, participant, luncheon meeting of the Retail Council of Canada, Ottawa, September 1979.
- \_\_\_\_\_, participant, "Managing in the 80's" Conference, Toronto, October 1979.
- \_\_\_\_\_, participant in a panel, Davidson Partners, Toronto, October 1979.
- \_\_\_\_\_, participant, meeting of the Advisory Committee on the Regulation Reference, Toronto, October 1979.
- \_\_\_\_\_, participant, meeting of the Canadian Council on Social Development, Ottawa, October 1979.
- \_\_\_\_\_, tour of Newfoundland for Newfoundland Reference and meeting with Premier Peckford, St. John's, November 1979.
- \_\_\_\_\_, participant, meeting of the Canadian Council on Social Development, Ottawa, November 1979.
- \_\_\_\_\_, participant, Q'BET Conference, Queen's University, November 1979.
- \_\_\_\_\_, participant, Canadian Economic Policy Committee meeting, Howe Research Institute, Ottawa, November 1979.
- \_\_\_\_\_, participant, conference on "Consultation and Advocacy: Influencing Policy," The Conference Board in Canada, Ottawa, November 1979.
- \_\_\_\_\_, participant, luncheon meeting of the Ottawa Association of Applied Economics, Ottawa, November 1979.

- \_\_\_\_\_, participant, meeting of the Federal-Provincial Advisory Committee of the Newfoundland Reference, Ottawa, November 1979.
- \_\_\_\_\_, chaired Working Party 4, OECD, Paris, Nov.-Dec. 1979.
- \_\_\_\_\_, participant, presentation to the Senate Committee on National Finance, Ottawa, December 1979.
- \_\_\_\_\_, participant, meeting of the Federal-Provincial Advisory Committee on the Newfoundland Reference, Ottawa, December 1979.
- \_\_\_\_\_, participant, conference on the Regulation Reference, Toronto, December 1979.
- \_\_\_\_\_, participant, presentation to the Senate Committee on Foreign Affairs, Ottawa, December 1979.
- \_\_\_\_\_, participant, seminar by E. Berndt, Ottawa, January 1980.
- \_\_\_\_\_, participant, University of Toronto meeting regarding the Institute of Policy Analysis, Toronto, January 1980.
- \_\_\_\_\_, participant, meeting of the Canadian Council on Social Development planning for "Social Policies for the 80's Conference," Ottawa, January 1980.
- \_\_\_\_\_, participant, meeting with representatives of the Canadian Life Insurance Association, Ottawa, January 1980.
- \_\_\_\_\_, participant, meeting of the Federal-Provincial Advisory Committee on the Newfoundland Reference, St. John's, February 1980.
- \_\_\_\_\_, participant, "The 1980 Outlook," Bank of Montreal meeting and dinner, Ottawa, February 1980.
- \_\_\_\_\_, participant, seminar by J. Popkin, Ottawa, February 1980.
- \_\_\_\_\_, participant, meeting to discuss medium-term issues, Department of Finance, Ottawa, February 1980.
- \_\_\_\_\_, participant, seminar on CANDIDE for senior officials of the Ministry of State for Economic Development, Ottawa, February 1980.
- \_\_\_\_\_, participant, seminar by M. Fuss, Ottawa, February 1980.
- \_\_\_\_\_, participant, seminar on CANDIDE for senior officials of the Privy Council Office, Ottawa, February 1980.
- \_\_\_\_\_, luncheon speaker at meeting of Directors of the Canadian Manufacturers' Association, Montreal, March 1980.
- \_\_\_\_\_, participant, meeting of the Canadian Council on Social Development, "Social Policies for the 80's," Ottawa, March 1980.

\_\_\_\_\_, panelist, dinner meeting of the Society of Management Accountants, Ottawa, March 1980.

\_\_\_\_\_, participant, seminar by P. Fortin, Ottawa, March 1980.

\_\_\_\_\_, luncheon speaker at Toronto Association of Business Economists meeting, Toronto, March 1980.

\_\_\_\_\_, participant, meeting with representatives of the Canadian Climate Program, Ottawa, March 1980.

\_\_\_\_\_, luncheon speaker at Canadian Council on Social Development meeting, Toronto, March 1980.

\_\_\_\_\_, dinner speaker at Credit Union Central of Saskatchewan meeting, Regina, March 1980.

Stanbury, W. T., "The Role of Competition Policy in a National Food Policy," in R.M.A. Loynes (ed.) *National Food Policy*, Proceedings of the Agricultural and Food Marketing Forum, Department of Agricultural Economics and Farm Management, University of Manitoba, Winnipeg, 1979.

\_\_\_\_\_, (with J.R.S. Prichard and T. A. Wilson) (eds.), *Canadian Competition Policy: Essays in Law and Economics*, Butterworths and Co., Toronto, 1979.

\_\_\_\_\_, (with P. K. Gorecki), "Canada's Combines Investigation Act: The Record of Public Law Enforcement, 1889-1976," in Prichard, Stanbury and Wilson (eds.) *Canadian Competition Policy: Essays in Law and Economics* (see above).

\_\_\_\_\_, (with P. K. Gorecki), "Competition Policy in Canada, 1888-1978: A Bibliography," in Prichard, Stanbury and Wilson (eds.) *Canadian Competition Policy: Essays in Law and Economics* (see above).

\_\_\_\_\_, "The Stage II Amendments: An Overview," in Prichard, Stanbury and Wilson (eds.) *Canadian Competition Policy: Essays in Law and Economics* (see above).

\_\_\_\_\_, "Definitions of 'The Public Interest'," Appendix D in Douglas G. Hartle, *Public Policy Decision Making and Regulation*, Institute for Research on Public Policy, Montreal, 1979.

\_\_\_\_\_, "Reforming Regulation in Canada: Political Pressure and Policy Response" in C. C. Johnston (ed.) *Seminar for Members of Federal Administrative Tribunals*, Law Reform Commission of Canada, Ottawa, 1980. Also published in J. S. Ziegel (ed.) *Proceedings of the Eighth Annual Workshop on Commercial and Consumer Law*, Butterworths and Co., Toronto, 1980.

\_\_\_\_\_, (ed.), *Government Regulation: Scope, Growth, Process*, Institute for Research and Public Policy, Montreal, 1980.

\_\_\_\_\_, (with Margot Priest and Fred Thompson), "On the Definition of Economic Regulation" in W. T. Stanbury (ed.) *Government Regulation: Scope, Growth, Process* (see above).

- \_\_\_\_\_, (with Fred Thompson), "The Scope and Coverage of Regulation in Canada and the United States: Implications for the Demand for Reform" in W. T. Stanbury (ed.) *Government Regulation: Scope, Growth, Process* (see above).
- \_\_\_\_\_, "Regulation and Regulatory Reform in Canada," speech, Western Transportation Advisory Services meeting, Saskatoon, April 1979.
- \_\_\_\_\_, "Changing Government Scene - Regulation," speech, Canadian Food Processors Association annual meeting, Ottawa, April 1979.
- \_\_\_\_\_, Seminar on Regulation, Kennedy School of Government, Harvard University, Cambridge, May 1979.
- \_\_\_\_\_, (with Fred Thompson), "The Scope and Coverage of Regulation in Canada and the United States: Implications for the Demand for Reform," paper to Canadian Economics Association, Saskatoon, May 1979.
- \_\_\_\_\_, speech re Regulation Reference, to the Public Personnel Association, Vancouver, June 1979.
- \_\_\_\_\_, "Objectives of Government Regulation," University of Victoria Seminar on Government Regulation, Pearson College, Vancouver Island, June 1979.
- \_\_\_\_\_, Co-Chairman, IRPP-AEI "National Conference on Airline Regulation," Ottawa, June 1979.
- \_\_\_\_\_, "Restraining the State: The Role of Deregulation," paper at IRPP Conference on the Politics and Management of Restraint in Government, Toronto, September 1979.
- \_\_\_\_\_, "Regulatory Reform," seminar for Government Officials on Deregulation and Regulatory Reform, Toronto, October 1979.
- \_\_\_\_\_, "Options for Regulatory Reform in Canada," Carleton University Seminar on Regulation, Ottawa, October 1979.
- \_\_\_\_\_, Program Co-ordinator, Economic Council of Canada's Conference on *Responsible Regulation: The Interim Report of the Regulation Reference*, Toronto, December 1979.
- \_\_\_\_\_, Government of Ontario Seminar on Regulation, Toronto, January 1980.
- \_\_\_\_\_, "Regulatory Reform in Canada," Graduate Seminar, School of Public Administration, Carleton University, Ottawa, January 1980.
- \_\_\_\_\_, "Will Thompson Abuse His Power?," *Toronto Star*, January 1980.
- \_\_\_\_\_, "The Origins and Design of the Regulation Reference," speech, Faculty of Law, University of Victoria, February 1980.
- \_\_\_\_\_, "The Recommendations of the Council's Interim Report on the Regulation Reference," IRPP Seminar on Government Operations, Ottawa, March 1980.



## 12 ELIZABETH II.

### CHAP. 11

An Act to provide for the establishment  
of an Economic Council of Canada.

[Assented to 2nd August, 1963.]

Her Majesty, by and with the advice and consent of the Senate  
and House of Commons of Canada, enacts as follows:—

#### SHORT TITLE.

Short title.      1. This Act may be cited as the *Economic Council of Canada Act*.

#### INTERPRETATION.

Definitions.      2. In this Act,  
"Council."      (a) "Council" means the Economic Council of Canada  
established by section 3; and  
"Minister."      (b) "Minister" means such member of the Queen's Privy  
Council for Canada as may be designated by the  
Governor in Council to act as the Minister for the  
purposes of this Act.

#### COUNCIL ESTABLISHED.

Establish-      3. There is hereby established a corporation to be known as  
ment and      the Economic Council of Canada, consisting of a chairman, two  
constitution.      directors and not more than twenty-five other members, to be  
appointed by the Governor in Council as provided in section 4.

Appoint-      4. (1) The chairman of the Council and each of the directors  
ment of      shall be appointed to hold office for a term not exceeding seven  
chairman      years.  
and directors.

Appoint-      (2) Each of the other members of the Council shall be  
ment      appointed after consultation with appropriate representative organ-  
of other      izations to hold office for a term of three years, except that of  
members.      those first appointed not less than one-third shall be appointed  
for a term of two years and not less than one-third shall be  
appointed for a term of four years.

Eligibility      (3) A retiring chairman, director or other member of the  
for      Council is eligible for reappointment to the Council in the same  
reappoint-      or another capacity.  
ment.

## CHAIRMAN, DIRECTORS AND MEMBERS.

5. (1) The chairman of the Council and each of the directors shall be paid such salaries and expenses as are fixed by the Governor in Council and shall devote the whole of their time to the performance of their duties under this Act. Salaries of chairman and directors.

(2) The other members of the Council shall serve without remuneration but are entitled to be paid reasonable travelling and living expenses while absent from their ordinary place of residence in the course of their duties under this Act. Travelling and living expenses.

(3) Notwithstanding subsection (2), a member of the Council other than the chairman or a director may, for any period during which he performs, with the approval of the Council, any duties on behalf of the Council in addition to his ordinary duties as a member thereof, be paid such remuneration therefor as may be authorized by the Governor in Council. Remuneration for additional duties.

6. A majority of members constitutes a quorum of the Council. Quorum.

7. A vacancy in the membership of the Council does not impair the right of the remainder to act. Vacancy.

8. (1) The Council may, with the approval of the Governor in Council, designate one of the directors to be vice-chairman of the Council. Vice-chairman.

(2) In the event of the absence or incapacity of the chairman or if the office of chairman is vacant, the vice-chairman has and may exercise and perform all the duties and functions of the chairman. Absence, etc., of chairman.

## DUTIES.

9. It shall be the duty of the Council to advise and recommend to the Minister how Canada can achieve the highest possible levels of employment and efficient production in order that the country may enjoy a high and consistent rate of economic growth and that all Canadians may share in rising living standards; and in particular it shall be the duty of the Council: Duties of Council.

- (a) regularly to assess, on a systematic and comprehensive basis, the medium term and long term prospects of the economy, and to compare such prospects with the potentialities of growth of the economy;
- (b) to recommend what government policies, in the opinion of the Council, will best help to realize the potentialities of growth of the economy;
- (c) to consider means of strengthening and improving Canada's international financial and trade position;
- (d) to study means of increasing Canadian participation in the ownership, control and management of industries in Canada;

- (e) to study how economic growth, technological change and automation, and international economic changes may affect employment and income in Canada as a whole, in particular areas of Canada and in particular sectors of the economy;
- (f) to study and discuss with representatives of the industries concerned and with representatives of labour, farmers and other primary producers, and other occupational groups and organizations, what specific plans for production and investment in major industries in Canada will best contribute to a high and consistent rate of economic growth;
- (g) to study how national economic policies can best foster the balanced economic development of all areas of Canada;
- (h) to explore and evaluate particular projects of major significance for the expansion of industrial and other economic activities in Canada, whether or not such projects may involve direct governmental participation, and to make recommendations concerning those projects that in the opinion of the Council will contribute to the growth of the Canadian economy;
- (i) to encourage maximum consultation and cooperation between labour and management in the fulfilment of the objectives of this Act;
- (j) to seek full and regular consultation with appropriate agencies of the governments of the several provinces; and
- (k) to conduct, if directed to do so by the Minister, reviews of medium term or long term programs of the Government of Canada that are designed to aid or assist industry, labour or agriculture.

**Initiation of studies, etc.**

**10.** The Council shall on its own initiative, or if directed to do so by the Minister, conduct such studies, inquiries and other undertakings as may be necessary with respect to any matter coming within paragraphs (a) to (k) of section 9 or with respect to any other matter or thing for or relating to the carrying out of its duties under that section, and shall report to, advise or make recommendations to the Minister with respect thereto, as the circumstances require.

#### ADDITIONAL DUTIES OF COUNCIL.

**Additional duties.**

**11.** (1) In addition to its other duties under this Act the Council shall, for the purpose of promoting and expediting advances in efficiency of production in all sectors of the economy,

- (a) foster and promote
  - (i) the development of improved production and distribution methods,
  - (ii) the development of improved management techniques,

- (iii) the maintenance of good human relations in industry,
  - (iv) the use of training programs at all levels of industry, and the use of retraining programs to meet changing manpower requirements,
  - (v) the extension of industrial research programs in plants and industries as a means of achieving greater efficiency of production, and
  - (vi) the dissemination of technical information; and
- (b) organize, assist and enlist the aid of committees, teams and other groups in the implementation of programs designed to give effect to any of the objectives set forth in paragraph (a).

(2) Any specific programs initiated by the Council in Idem. relation to any of the objectives set forth in paragraph (a) of subsection (1) shall, if carried out by the Council, be so carried out only until such programs can effectively be continued by other government departments or agencies.

#### ORGANIZATION.

12. The head office of the Council shall be in the City of Ottawa, but the Council may meet at such other places at such times as it deems necessary. Head office and meetings.

13. The chairman is the chief executive officer of the Council and has supervision over and direction of the work and staff of the Council. Direction of work and staff.

14. (1) The Council may, subject to the approval of the Governor in Council, make by-laws for the regulation of its proceedings and generally for the conduct of its activities, including the establishment of ad hoc, standing and other committees of the Council. By-laws.

(2) Any by-law made pursuant to subsection (1) establishing an advisory committee of the Council may provide for the membership thereon of persons other than members of the Council, in addition to members of the Council. es- Advisory committees.

15. (1) The Council may Appointment of staff.

(a) appoint such officers and employees as are necessary for the proper conduct of the work of the Council; and

(b) prescribe the duties of such officers and employees and, subject to the approval of the Treasury Board, prescribe the conditions of their employment.

(2) The officers and employees of the Council appointed as provided in subsection (1) shall be paid such salaries and expenses as are fixed by the Council with the approval of the Treasury Board. Salaries and expenses of staff.

Technical  
and special  
advisers.

16. The Council may engage on a temporary basis or for any period of not more than two years the services of persons having technical or specialized knowledge of any matter relating to the work of the Council, to advise and assist the Council in the performance of its duties under this Act, and with the approval of the Treasury Board may fix and pay the remuneration of such persons.

Council  
agent of  
Her Majesty.

17. (1) The Council is for all purposes of this Act an agent of Her Majesty and its powers under this Act may be exercised only as an agent of Her Majesty.

Contracts.

(2) The Council may on behalf of Her Majesty enter into contracts in the name of Her Majesty or in its own name.

Property.

(3) Any property acquired by the Council is the property of Her Majesty and title thereto may be vested in the name of Her Majesty or in the name of the Council.

Proceedings.

(4) Actions, suits or other legal proceedings in respect of any right or obligation acquired or incurred by the Council on behalf of Her Majesty, whether in its name or in the name of Her Majesty, may be brought or taken by or against the Council in the name of the Council in any court that would have jurisdiction if the Council were not an agent of Her Majesty.

Application  
of *Public  
Service  
Superannua-  
tion Act*.

18. The *Public Service Superannuation Act* does not apply to the members of the Council other than the chairman and the directors, unless in the case of any such member the Governor in Council otherwise directs.

#### FINANCIAL.

Appropriations.

19. All amounts required for the payment of salaries and other expenses under this Act including expenses of administration shall be paid out of moneys appropriated by Parliament for the purpose.

#### AUDIT.

Audit.

20. The accounts and financial transactions of the Council shall be audited annually by the Auditor General, and a report of the audit shall be made to the Council and to the Minister.

#### REPORTS AND PUBLICATIONS.

Annual  
report to  
be made.

21. (1) The chairman of the Council shall, within three months after the termination of each fiscal year, transmit to the Minister a statement relating to the activities of the Council for that fiscal year, including the financial statements of the Council and the Auditor General's report thereon, and the Minister shall cause such statement to be laid before Parliament within fifteen days after the receipt thereof or, if Parliament is not then sitting, on any of the first fifteen days next thereafter that Parliament is sitting.

(2) The Council shall, annually, prepare and cause to be published a review of medium and long term economic prospects and problems. <sup>Review to be published.</sup>

(3) The Council may cause to be published such studies and reports prepared for the use of the Council as it sees fit. <sup>Other publications.</sup>

#### REPEAL.

22. (1) The *National Productivity Council Act* is repealed. <sup>Repeal.</sup>

(2) Notwithstanding subsection (1), any act or thing required to be done by the National Productivity Council for the purpose of enabling the said Council to give effect to subsection (3) may be done in all respects as though the *National Productivity Council Act* had continued in force. <sup>1960-61, c. 4.</sup>

(3) Forthwith after the coming into force of this Act, any amount standing to the credit of the National Productivity Council after the payment by it of any debts or other obligations thereof shall be paid by the said Council to the Receiver General of Canada to be held and applied towards the payment of the expenses referred to in section 19 as though that amount had been appropriated by Parliament for such purpose.

## **By-laws of the Economic Council of Canada**

### **By-law No. 1**

A by-law relating generally to the conduct of the activities of the Economic Council of Canada.

#### *Meetings of the Council*

1. The Council shall meet from time to time as determined by the Council but not less often than four times in each calendar year and on any other occasion when a meeting is called by the Chairman.

#### *Executive Committee*

2. There shall be an Executive Committee of the Council consisting of the Chairman, the two Directors and four members, who shall be elected to the Executive Committee as provided in clause 3. The Committee shall meet at the call of the Chairman.

3. The four elected members of the Executive Committee shall be elected by the Council from among the members of the Council and each member shall hold office until his successor has been elected or until his retirement from the Council, whichever shall first occur. An elected member of the Committee is eligible to be re-elected.

4. (a) An election of members for the four elective positions on the Executive Committee shall be held at the first meeting of the Council in each calendar year.

(b) Where an elective position is vacant, an election to that position may be held at any other meeting of the Council.

5. The Executive Committee shall be responsible for the administrative functions of the Council and perform such other duties as the Council may direct.

6. A quorum for any meeting of the Executive Committee of the Council is four of the membership thereof, one of whom shall be the Chairman.

7. The Executive Committee shall keep records of its activities and shall report thereon to the Council at the next ensuing meeting.

8. A vacancy in the membership of the Executive Committee does not impair the right of the remainder to act.

#### *Committees*

9. (a) Standing or ad hoc committees may be appointed by the Council for the conduct of any specific activities.

(b) Notwithstanding the provisions of subsection (a), the term of office of any person appointed to an ad hoc committee shall terminate not later

than on the completion of the project for which the Committee was formed.

10. The Council may authorize the Chairman to establish advisory committees which may include persons other than members of the Council.

11. Members of ad hoc, standing or advisory committees, may be paid such remuneration and expenses as are approved by the Council and authorized by the Governor in Council.

#### *Technical and Special Advisers*

12. The Executive Committee may authorize the Chairman to engage, on a temporary basis, or for any period of not more than two years, the services of persons, private organizations and institutions having technical or specialized knowledge of any matter relating to the work of the Council and may enter into contracts with such persons, organizations and institutions to advise and assist the Council in the performance of its duties under this Act, and with the approval of the Treasury Board may fix and pay the remuneration and expenses of such persons, organizations and institutions.

#### *Hiring of Full-time Officers and Employees*

13. (a) The Executive Committee shall authorize, subject to the approval of Treasury Board, an establishment for the Council indicating positions for officers and employees, classification and salary ranges and any revision thereof, and conditions of employment.
- (b) The Chairman shall select and appoint officers and employees to fill vacancies on the establishment and shall prescribe their duties.

#### **By-law No. 2**

A by-law respecting execution of documents and expenses of the Council.

#### *Execution of Documents*

1. (a) Deeds, transfers, contracts and other instruments in writing made on behalf of the Council shall be signed by any two of the following:  
the Chairman, Directors or the  
Chief of Administration.
- (b) Notwithstanding the provisions of subsection (a), any document or other instrument requiring an expenditure not exceeding \$100 may be executed on behalf of the Council by the Chief of Administration or other officer designated by the Chairman.
- (c) The fiscal year of the Council shall end on the 31st day of March in each year.

*Effective 15 January 1964*

Economic Council of Canada  
and  
The Right Honourable Pierre E. Trudeau, P.C., Q.C., M.P.  
Ottawa, Ontario.

I have examined the statement of expenditure of the Economic Council of Canada for the year ended March 31, 1980. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as I considered necessary in the circumstances.

In my opinion, this financial statement presents fairly the expenditures of the Council for the year ended March 31, 1980, in accordance with the accounting policies set out in Note 2, applied on a basis consistent with that of the preceding year.

J. J. Macdonell  
Auditor General of Canada

Ottawa, Ontario  
June 6, 1980

## ECONOMIC COUNCIL OF CANADA

(Established by the Economic Council of Canada Act)

Statement of Expenditure for the year ended March 31, 1980

	<u>1980</u>	<u>1979</u>
Administration		
Salaries and employee benefits	\$ 5,159,934	\$ 4,885,290
Professional and special services	2,938,973	2,295,217
Accommodation	407,353	300,663
Publicity, publication of report and studies	196,312	228,147
Office stationery and supplies	156,835	219,949
Communications	144,380	221,247
Travel and removal	141,009	112,586
Rental of equipment	92,024	78,724
Office furniture and equipment	64,165	177,709
Repair of furniture and equipment	23,452	14,022
Renovations	—	41,962
Miscellaneous	<u>2,257</u>	<u>13,518</u>
Total expenditure	\$ <u>9,326,694</u>	\$ <u>8,589,034</u>
Total expenditure provided by:		
Appropriations		
Privy Council Vote 20	\$ 8,148,241	\$ 7,793,971
Statutory—Contributions to employee benefit plans	693,000	402,000
Government departments which provided services without charge	<u>485,453</u>	<u>393,063</u>
	\$ <u>9,326,694</u>	\$ <u>8,589,034</u>

The accompanying notes are an integral part of the financial statement.

Approved:

David W. Slater  
Acting Chairman

## **Economic Council of Canada**

### **Notes to the Statement of Expenditure**

**March 31, 1980**

#### **1. Objective**

The Economic Council of Canada was established on August 2, 1963 by Act of Parliament under the provisions of the Economic Council of Canada Act, and reports to the Prime Minister through the Privy Council. The objective of the Economic Council is to advise and recommend to the Prime Minister how Canada can achieve the highest possible levels of employment and efficient production in order that the country may enjoy a high and consistent rate of economic growth and that all Canadians may share in rising living standards.

#### **2. Accounting policies**

The accounts of the Council are maintained on a cash basis modified to include payments made in April relating to work performed, goods received or services rendered prior to March 31. The accounts are then adjusted, to reflect those payables at year end (PAYE) still unpaid by April 30.

Purchases of furniture and equipment are recorded as an administration expenditure in the year of acquisition.

Reported expenditures also include costs for services provided without charge by government departments.

The accounting policies are consistent with those used by departments of the Government of Canada.

#### **3. Financing**

The funds required to finance the transactions of the Council are provided by Privy Council Vote 20 and recorded as expenditure in the Accounts of Canada. During the year, \$8,505,000 (\$8,657,185 in 1979) was provided by this Vote and \$356,759 (\$863,214 in 1979) lapsed in accordance with Section 30 of the Financial Administration Act.

#### 4. Contingent liability

At March 31, 1980, the Council was a defendant in a lawsuit taken by a former term employee alleging breach of certain conditions of the employment contract with the Council. Total damages claimed are \$67,000 plus court costs estimated at \$5,000. The Council is contesting this action.

## PUBLICATIONS OF THE ECONOMIC COUNCIL OF CANADA

As of 31 March 1980

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Canadian Government Publishing Centre  
Supply and Services Canada  
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**Annual Report, 1964-65**, John J. Deutsch (EC1-1965)  
**Annual Report, 1965-66**, John J. Deutsch (EC1-1966)  
**Annual Report, 1966-67**, John J. Deutsch (EC1-1967)  
**Annual Report, 1967-68**, Arthur J. R. Smith (EC1-1968)  
**Annual Report, 1968-69**, Arthur J. R. Smith (EC1-1969)  
**Annual Report, 1969-70**, Arthur J. R. Smith (EC1-1970)  
**Annual Report, 1970-71**, Arthur J. R. Smith (EC1-1971)  
**Annual Report, 1971-72**, André Raynauld (EC1-1972)  
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**Annual Report, 1973-74**, André Raynauld (EC1-1974)  
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**Annual Report, 1975-76**, André Raynauld (EC1-1976)  
**Annual Report, 1976-77**, George Post (EC1-1977)  
**Annual Report, 1977-78**, Sylvia Ostry (EC1-1978)  
**Annual Report, 1978-79**, Sylvia Ostry (EC1-1979)  
**Annual Report, 1979-80**, David W. Slater (EC1-1980)

### Annual Reviews

§ First Annual Review:	<b>Economic Goals for Canada to 1970</b> 1964 (EC21-1/1964, \$3.50)
§ Second Annual Review:	<b>Towards Sustained and Balanced Economic Growth</b> 1965 (EC21-1/1965, \$2.75)
§ Third Annual Review:	<b>Prices, Productivity and Employment</b> 1966 (EC21-1/1966, \$2.75)
§ Fourth Annual Review:	<b>The Canadian Economy from the 1960's to the 1970's</b> 1967 (EC21-1/1967, \$2.75)

• Most early years no longer available. Last six years and a few earlier years available free from Council Secretary.

§ No longer available.

<b>§ Fifth Annual Review:</b>	<b>The Challenge of Growth and Change</b> 1968 (EC21-1/1968, \$2.75)
<b>§ Sixth Annual Review:</b>	<b>Perspective 1975</b> 1969 (EC21-1/1969, \$2.75)
<b>§ Seventh Annual Review:</b>	<b>Patterns of Growth</b> 1970 (EC21-1/1970, \$2.50)
<b>§ Eighth Annual Review:</b>	<b>Design for Decision-Making — An Application to Human Resources Policies</b> 1971 (EC21-1/1971, \$3.00)
<b>Ninth Annual Review:</b>	<b>The Years to 1980</b> 1972 (EC21-1/1972, \$2.50)
<b>Tenth Annual Review:</b>	<b>Shaping the Expansion</b> 1973 (EC21-1/1973, \$3.50)
<b>Eleventh Annual Review:</b>	<b>Economic Targets and Social Indicators</b> 1974 (EC21-1/1974, \$4.00)
<b>Twelfth Annual Review:</b>	<b>Options for Growth</b> 1975 (EC21-1/1975, \$4.50 in Canada, \$5.40 other countries)
<b>Thirteenth Annual Review:</b>	<b>The Inflation Dilemma</b> 1976 (EC21-1/1976, \$5.00 in Canada, \$6.00 other countries)
<b>Fourteenth Annual Review:</b>	<b>Into the 1980s</b> 1977 (EC21-1/1977, \$2.00 in Canada, \$2.40 other countries)
<b>Fifteenth Annual Review:</b>	<b>A Time for Reason</b> 1978 (EC21-1/1978, \$4.00 in Canada, \$4.80 other countries)
<b>Sixteenth Annual Review:</b>	<b>Two Cheers for the Eighties</b> 1979 (EC21-1/1979, \$6.75 in Canada, \$8.10 other countries)

## Other Council Reports

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**§ Interim Report on Competition Policy**  
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**§ Performance and Potential: Mid-1950's to Mid-1970's**  
1970 (EC21-1/1970-1, \$1.50)

**§ Performance in Perspective**  
1971 (EC21-1/1971-1, \$1.50)

§No longer available.

**Report on Intellectual and Industrial Property**

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• **Synopsis and Recommendations — Responsible Regulation**

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Frank T. Denton, Yoshiko Kasahara, and Sylvia Ostry, 1965 (EC22-1/1, \$0.75)

**2. Potential Output, 1946 to 1970**

B. J. Drabble, 1965 (EC22-1/2, \$1.00)

**§ 3. An Analysis of Post-War Unemployment**

Frank T. Denton and Sylvia Ostry, 1965 (EC22-1/3, \$0.75)

**4. Housing Demand to 1970**

Wolfgang M. Illing, 1965 (EC22-1/4, \$0.75)

**§ 5. Business Investment to 1970**

Derek A. White, 1965 (EC22-1/5, \$1.00)

• Available free from Economic Council.

\* This series has been discontinued. Staff studies are listed henceforth under the heading "Research Studies."

§ No longer available.

6. **Special Survey of Longer Range Investment Outlook and Planning in Business**  
B. A. Keys, 1965 (EC22-1/6, \$0.25)
7. **Canada and World Trade**  
M. G. Clark, 1965 (EC22-1/7, \$0.50)
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